

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

VILLAGE OF FRANKFORT, IL,)	
)	
)	
Petitioner,)	
)	
v.)	PCB No. 2023-XXX
)	(Variance – Water)
ILLINOIS ENVIRONMENTAL PROTECTION)	
AGENCY,)	
)	

NOTICE OF FILING

PLEASE TAKE NOTICE that on March 13, 2026, we electronically filed with the Clerk of the Illinois Pollution Control Board, Petition for Time-Limited Water Quality Standard for Chlorides, copies of which are attached hereto and served upon you.

Dated: March 13, 2026

Respectfully submitted,

**ON BEHALF OF VILLAGE OF FRANKFORT,
ILLINOIS**

By: /s/ Fredric P. Andes
Fredric P. Andes

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CERTIFICATE OF SERVICE

I, Fredric Andes, hereby certify that I have filed the attached Notice of Filing and Petition for Time-Limited Water Quality Standard for Chlorides the below service list by electronic mail on March 13, 2026.

Dated: March 13, 2026

/s/ Fredric Andes

SERVICE LIST

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)	(Variance – Water)
ILLINOIS ENVIRONMENTAL PROTECTION)	
AGENCY,)	
)	
Respondent.)	

**PETITION FOR TIME-LIMITED
WATER QUALITY STANDARD FOR CHLORIDES**

The Village of Frankfort (“Village”), by its attorneys, Barnes & Thornburg LLP, Section 38.5(b)(2) of the Act (415 ILCS 5/38.5(b)(2)), and 35 IAC § 104.520(b), hereby petitions for a variance authorizing discharges from the Regional Plant outfall governed by a National Pollutant Discharge Elimination System (“NPDES”) Permit issued to its wastewater treatment plant (“Plant”) into Hickory Creek.

This Petition for Time-Limited Water Quality Standards (“Petition”) provides the information required for the Board’s consideration of the requested TLWQS in accordance with Section 415 ILCS 5/38.5 and 35 IAC § 104, *et seq.* This Petition also includes information relevant to the requested TLWQS demonstrating compliance with 40 C.F.R. § 131.14.

The Petition addresses each element required by the Illinois regulation governing TLWQS petition contents, including references to 40 C.F.R. § 131.14. Each required element is set forth in italics, below, and followed by the information sought.

I. 35 IAC § 104.530 Requirements

A. Description of Petitioner, Watershed, and Time-Limited Water Quality Standard Sought

1) *A statement indicating the type of time-limited water quality standard sought. 35 IAC 104.530(a)(1).*

Petitioner, the Village, requests a single-discharger TLWQS.

2) *Identification of the currently-applicable water quality standard for the pollutants or parameter for which a time-limited water quality standard is sought. 35 IAC 104.530(a)(2).*

The applicable water quality standard for total chlorides is found at 35 IAC 302.407(g),

which states as follows:

g) Numeric Water Quality Standards for Other Chemical Constituents

Concentrations of the following chemical constituents must not be exceeded except in waters for which mixing is allowed under Section 302.102.

Constituent	Unit	Standard
Chloride	mg/L	500

The total chloride standard is not currently met on a consistent basis during the months of April through November, and it cannot be met on a consistent basis in those months during the term of the TLWQS that is being requested.

3) *The location of the petitioner's activity and the location of the points of its discharge. 35 IAC 104.530(a)(3).*

The Village seeks the TLWQS for total chloride discharges covered in the Permit for its Plant, to apply from April through November. The facility name and address for the Plant is as follows:

Village of Frankfort - Regional Wastewater Treatment Plant

20538 South LaGrange Road
Frankfort, Illinois 60423

The Regional Plant discharges to Hickory Creek. The discharge associated with the Plant is governed by the Plant's NPDES permit (Exhibit 1), which prohibits the Village from not causing or contributing to violations of water quality standards.

The Regional Plant's point of discharge is the 001 Regional Plant Outfall and the receiving water is Hickory Creek.

- 4) *A map of the proposed watershed, water body, or waterbody segment to which the time-limited water quality standard will apply, including a written description of the watershed, water body, and/or waterbody segment including the associated segment code. 35 IAC 104.530(a)(4).***

The area affected by the Village's requested TLWQS is Hickory Creek (Segment GG-06). A map of Hickory Creek, for which the TLWQS for total chloride is requested, is included as Exhibit 2.

- 5) *Designated uses of the waterbody or waterbody segment identified above. 35 IAC 104.530(a)(5).***

35 IAC 303, Subparts B and C define the designated uses of Hickory Creek (GG-06). Specifically, the designated aquatic life use for Hickory Creek (GG-06) is General Use, as provided in 35 IAC 303.445

- 6) *Identification, including any Board docket number, of any prior TLWQS or water quality variances issued to the petitioner, watershed, water body, waterbody segment, and if known, the petitioner's predecessors, concerning similar relief. 35 IAC 104.530(8).***

A seasonal TLWQS for total chlorides has been issued by the Illinois Pollution Control Board for the Lower Des Plaines Watershed in Docket Number PCB 19-29, which applies during the winter months.

B. Activity of the Village

- 1) Identification, by name, of the permit holder and permit number of the permits held by dischargers that may be affected by the adoption of the TLWQS. 35 IAC 104.530(9).***

The following Permit held by Village would be affected by the grant of the requested

TLWQS:

Regional Plant:

NPDES Permit No. IL0072192
Issue Date: April 13, 2021
Effective Date: May 1, 2021
Expiration Date: April 30, 2026

- 2) Identification and description of any process, activity, or source that contributes to a violation of a water quality standard, including the material used in that process or activity. 35 IAC 104.530(10).***

The Village's Plant receives total chlorides from residential, commercial, and industrial users of the collection system. The Village's potable source water is groundwater from aquifers that are in the shallow range (360-490 ft), which characteristically contains iron and exhibits high levels of hardness. The most recent potable groundwater laboratory reports are attached (Exhibit 3, which demonstrates an average hardness of 548 ppm (or 32 grains/gal). The Village operates 10 wells in the potable water system, which provides iron removal at nine (9) well locations but does not provide system-wide softening. Well Number 5 is an emergency well and does not have iron removal. The levels of iron and hardness in the Village's potable source water require users to utilize individual water softeners to make it suitable for many normal residential, commercial, and industrial uses, which results in substantial chloride loading to the Plant.

3) *Description and copy of all Pollutant Minimization Programs that are relevant to the relief requested and are currently being implemented or were implemented in the past. 35 IAC 104.530(11).*

The Village has prepared and distributed public outreach materials to educate individual users of the publicly-owned utilities on how to “Dial Back” privately-owned softening systems and optimize softener settings and regeneration cycles. This has been in the form of a “Dial it Back” campaign shared with utility customers in pamphlet form (Exhibit 4, and in the Village Newsletter (April 2014, November 2014, April 2015, November 2016, August 2019, November 2019) (Exhibit 5). The Village has posted an informational video¹ and correct softener hardness settings² on its website. Further detail on additional public outreach measures is provided in section E.1, below.

C. Compliance with the Regulation Cannot Be Achieved by the Compliance Date

1) *Data describing the nature and extent of the present or anticipated failure to meet the water quality standards and facts that support Petitioner’s argument that compliance with the water quality standards regulation cannot be achieved by any required compliance date. 35 IAC 104.530(a)(6).*

Chloride analytical data attached in Exhibit 6 demonstrates that the Village cannot consistently meet the chloride standard from April through November. The Plant is required by its NPDES permit to monitor for chlorides once per week, and a daily maximum limit of 500 mg/L is imposed during the months of April-November. This limit became effective May 1, 2021. Recent analysis of the Plant’s effluent chloride concentrations (April 2023 through December 2025) (Exhibit 6) revealed frequent exceedances of the daily maximum limit of 500 mg/L during the months of April-November in 2023 (3 instances) and 2025 (5 instances). The long-term average for all data points for chlorides from April 2023 through December 2025 is

¹ <https://www.youtube.com/watch?v=hGx3ccJRmCk>.

² https://www.frankfortil.org/departments/utilities/water_quality.php

405 mg/L. The long-term average for only the months for which the daily maximum chloride limit is effective (starting in April of 2023) is 385 mg/L. A monthly average was calculated for the entire data set from April 2023 through December 2025. The 99th percentile of monthly averages, a figure which USEPA often uses in setting water quality standards and effluent limits, is 582 mg/L. These data include a chloride result of 1,100 mg/L, which occurred on December 26, 2024, and has not been connected with any outlier event. While there were only 7 instances of chloride exceedances during the months of April-November in the years of 2023-2025, the village anticipates future instances of chloride results reaching this range, as factors such as Plant low-flow periods, softener regeneration cycles and frequencies of system users fluctuate.

2) A demonstration that attainment of the designated use or use(s) and criterion or criteria not feasible throughout the term of the TLWQS due to one or more of the factors listed in 35 IAC 104.560(a). 35 IAC 104.530(7).

The Village's Plant is a passive receiver of chlorides as discharged by the utility's users/customers. Individual users of the Village's utilities operate private water softening systems on a user-by-user basis, and how individual users operate their water softening system is not under the control of the Village. These individual softening systems are the primary source of chlorides to the sanitary collection system and the Plant. Domestic wastewater treatment plants are not designed to remove chlorides, which are pollutants incompatible with wastewater treatment, and pass through treatment plants to the receiving stream.

Additionally, it is economically infeasible to implement water treatment or wastewater treatment solutions to remove chlorides. A technical memorandum from Baxter & Woodman, Inc. to the Village of Frankfort dated March 10, 2023, is included as Exhibit 7, that outlines several source water treatment options for system-wide softening. Their respective capital costs, updated in 2025, including ion exchange at an estimated cost of \$73.5 million, lime softening

for \$81.49 million (both system-wide softening), and reverse osmosis to remove chlorides at the WWTP for \$69.94 million (Exhibit 8). Estimated annual operation and maintenance costs (O&M) (information gathered in 2025) are \$793,000 for ion exchange, \$3.54 million for centralized lime softening, and \$2.18 million for RO at the WWTP. These estimates will only increase over time (Exhibit 8).

Even if these potable source-water treatment options could be implemented cost-effectively, all three would create concentrated briny, chloride-laden residual waste streams with no effective or practical method of treatment and disposal and would use large volumes of additional potable water in the treatment processes themselves, which would further deplete the Village's potable water aquifer source (Exhibit 7). The water treatment residuals cannot be sent to the wastewater treatment plant for disposal because chlorides are the pollutants that pass through the plant. The Village has also been unable to identify any available locations for the disposal of the brine and is unaware of any drinking water utilities that are using RO and have found viable methods for brine residual wastestream disposal. Because chlorides are not compatible pollutants for treatment and there are no other viable locations for disposal, there is no readily available disposal method for system-wide water treatment residuals.

The Village has also evaluated a number of disposal technologies specifically applicable to reverse osmosis waste streams and *has found them generally inviable or impracticable*. For example, deep-well injection is costly and limited to specific geologic settings not generally present in the Midwest (indeed, IEPA has only approved 4-Class I Deep Well non-hazardous Underground Injection Control Permits in Illinois); evaporation ponds require large tracts of arid land and high net evaporation, conditions that are not present in the areas around the Plant; and zero liquid discharge systems are prohibitively costly and complex. The Village also consulted with the LA County Sanitation District (LACSD), as they operate

one of the only RO systems in the country at one of their WWTPs to remove chlorides.

However, LACSD's means of disposal of concentrated chloride brine wastewater is by NPDES permit to the Pacific Ocean. Disposal to the ocean is not a viable alternative for the Village. The Village will continue to assess additional options to manage these waste streams and document its findings to avoid recurring concerns in future variance petitions.

Even if the Village were able to implement system-wide water softening, at incredible capital expense, the average utility users/customers would still keep and operate their softeners, thereby continuing to discharge chlorides to the collection system and treatment plant. And even if cost-effective effluent treatment technologies were available to the Village, there is no available space at the wastewater plant for the installation of additional treatment equipment. The attached Plant site map (Exhibit 9) shows that the Plant borders the local police station, and high school, and is directly adjacent to forest preserve land, which prevents expansion. The Village contacted local landowners and the forest preserve regarding potential acquisitions of land adjacent to the Plant, but only the Forest Preserve indicated a willingness to sell, and its quoted price was prohibitively expensive. Moreover, any land that is available must be reserved for the Plant's planned 5.65 MGD and 6.7 MGD expansions. A facility evaluation for the Regional Plan is currently underway and a facility plan report is being drafted. The draft plan preliminarily recommends plant capacity expansion improvements that would utilize the remaining land available on the plant property, leaving no space for RO at the wastewater treatment plant (Exhibit 9A and Exhibit 9B). The proposed Final Clarifier No. 4 has been submitted for the FY2026-2027 budget and is expected to proceed with design in FY 2026-27 and commence with construction immediately subsequent to the design. Proposed Final Clarifier No. 4 is shown on the exhibit and will utilize that area adjacent to the existing clarifiers. Subsequent plant improvement options that are proposed in the draft facility plan

would utilize the remaining available space as indicated in Exhibit 9A and those improvements potentially would be designed and constructed in the future after 2028.

The Village also considered installing softening devices at each individual wellhead but encountered similar siting restrictions. Most of the wellheads do not have sufficient space to construct the softening system and associated improvements. To document these limitations, the Village prepared overhead aerials depicting existing conditions and showing the approximate acreage needed for each of the three softening configurations. (Exhibit 10). Several wellheads are effectively landlocked with no nearby land available for purchase, and while some locations appear to have open space nearby, there is no assurance that any adjacent parcels are available for purchase, free of easements, or outside regulated wetlands. For example, Wells 13 and 14 abut privately owned property that is not available for sale. Even if parcels could be secured, a review of current market conditions indicate an estimated average land cost of approximately \$179,000 per acre, not including permitting or easement related costs. The Village estimates that acreage requirements for lime softening systems and ion exchanges range between 0.5 and 1.46 acres resulting in a land acquisition cost between \$91,000 and \$262,000 per wellhead; and for reverse osmosis an acreage requirement between 0.13 and 0.37 acres, resulting in an acquisition cost between \$24,000 and \$68,000 per wellhead. (Exhibit 11). The costs for such a system quickly become unreasonable when forecasting the estimated purchase prices system wide and accounting for installation and maintenance costs.

The Village also considered implementing containerized, modular RO units. However, this configuration is infeasible at the Plant and well sites as local building codes have required setbacks and the footprints of the buildings for the RO units will either encroach upon the required setbacks or go beyond the Village property lines altogether (Exhibit 10). Beyond regulatory barriers, pricing for modular RO systems and associated infrastructure result in

excessive per-unit costs that escalate materially when factoring in the number of required installations. The Village has estimated that installation of the “Pure Aqua” Modular RO system would cost \$73.16 million and would increase annual operating costs by \$2.53 million. (Exhibit 12). Accordingly, containerized RO is not a practicable or cost-effective solution for the Village.

Additionally, the Village considered a decentralized approach involving the installation of residential water softeners at each residence within the Village’s service area. Based on current market pricing, the estimated cost per installation is approximately \$2,500 for a non-chloride residential system, resulting in an estimated capital cost of \$38.3 million when projecting installation at the residence of each of the Village’s 11,599 customers. This estimate is exclusive of ongoing operation, maintenance, and replacement costs. Installation of residential softeners would thus be prohibitively expensive and would only harm the long-term success of the Plant and its customers. (Exhibit 13). Further, the Village has identified several feasibility issues related to this potential solution, including a lack of voluntary participation by residents and concerns about effectiveness where native influent water hardness exceeds certain values. The Village’s current potable water treatment removes iron but not hardness. The Village’s native source water contains 26 grains/gal of hardness as of February 2026. Salt-free softening systems, such as the brand Aquasana, are best suited for water with hardness below 15 grains/gal. Because the Village’s native groundwater is considered to be “very hard – 10.5 grains/gal and over” according to the University of Nebraska Extension (<https://extensionpubs.unl.edu/publication/g2275/na/html/view>), salt-free residential systems would not be a feasible option.

In the past, the Village had evaluated the cost of potentially connecting to the City of Chicago’s Lake Michigan water, presuming that the Village could obtain a Lake Michigan Water Allocation from the Illinois Department of Natural Resources. However, the cost estimate cited

in 2014 to connect was in the \$60 million range, which was not economically feasible for the Village at the time and would not be feasible today. See the August 14, 2014, letter to the IEPA (Exhibit 14).

All the potential remedies will adversely affect the water and sewer rates for Village utility users/customers. It is estimated that the increase in water and sewer rates will range between 27% to 79%, depending on the source water treatment remedy. For example, the Village estimates that installation of an Ion Exchange system would result in a total water and sewer rate increase of 53%, and installation of a Lime Softening system at the centralized plant would result in an increase of 79%. (Exhibit 15). This exercise estimating utility rate increases equates to disproportionately large increases in monthly utility bills, depending on a customer's water consumption. For a customer consuming 10,000 gallons of water a month, for example, the monthly water/sewer bill at FY 2025 rates is \$151.50, which, after factoring in the rate increase (excluding garbage and recycling), would range from \$191.76 to \$271.17. This monthly increase results in a corresponding annual increase between \$483.10 to \$1,436.02 (Exhibit 15).

IEPA staff have suggested that the Village consider flow augmentation to dilute chloride concentrations to a level that would meet the applicable permit limit. This approach would require a new flow augmentation well to be installed, to mix groundwater with Plant effluent before discharge. The cost for installation of a flow augmentation well is in the range of \$2.5 to \$3 million in capital cost (Exhibit 7). This does not include the annual operation and maintenance of the new well or the costs of potential barium and/or radium treatment if a deep aquifer were used. Although this remedy may be legally allowable, it would only accelerate the already dangerous depletion of groundwater resources that are needed for drinking and potable use. Groundwater resources in Illinois currently are being drawn down faster than recharge rates. "In Will County, groundwater levels in sandstone aquifers have dropped, with wells in this

area at risk of running dry by 2029.” See Chicago Metropolitan Agency for Planning (CMAP) *Coordination And Conservation Are Key to a Sustainable Will County Water Supply*, June 26, 2020, attached as Exhibit 16. The Village estimates that the implementation of flow augmentation at the Plant would put an additional burden on the local aquifer of approximately 243,000 gallons per day on average (59,000,000 gallons per year on average when the 500 mg/L daily maximum chloride NPDES limit is effective April-November) (Exhibit 17). For perspective, this flow augmentation well approximate production volume is about 68% of an average potable water supply well producing 360,000 gallons per day (pumping at 1,000 gallons per minute x 6 hours per day x 60 min/hr) (Exhibit 17).

- a. Human caused conditions or sources of pollution prevent the attainment of the designated use and cannot be remedied or would cause more environmental damage to correct than to leave in place. 35 IAC 104.560(a)(3).*

The source of chlorides to the Regional Plant is a human-caused condition—widespread use of individual softeners to address high iron and hardness levels in the Village’s potable water supply source—which cannot be remedied during the next five years, which would be the term of the TLWQS.

- b. Controls more stringent than those required by CWA Sections 301(b) and 306 would result in substantial and widespread economic and social impact. 35 IAC 104.560(a)(6).*

Compliance with the existing chloride standards within the next several years is not possible, and efforts to move in that direction would impose substantial and widespread economic and social impact in the areas served by the Village. An ion exchange system would cost the Village an estimated \$73.5 million, lime softening an estimated \$81.49 million, and reverse osmosis an estimated \$69.94 million (Exhibit 8), RO units at each wellhead an estimated \$73.16 million (Exhibit 12); and switching to Lake Michigan source water, approximately \$60 million (Exhibit 14). Those impacts would include the control costs, rate increases, excessive water use, and

uncertain disposal options described above. Flow augmentation would be more cost-effective but would cause substantial and widespread social impact by exacerbating the depletion of the Village's potable water supply source.

D. Proposed Highest Attainable Condition of the Watershed

The proposed highest attainable condition of the watershed, water body, or waterbody segment identified, expressed as set forth in 35 IAC 104.565(d)(4), including projected changes in the highest attainable condition throughout the proposed term of the TLWQS. 35 IAC 104.530(12).

35 IAC 104.565(d)(4) requires the Village, as a single discharger seeking a TLWQS where there is no feasible chloride control technology that can be identified [to meet the current water quality standard], to state “the highest attainable condition of the waterbody or water segment as a quantifiable expression of ... the interim criterion or interim effluent condition that reflects the greatest pollutant reduction achievable with the pollutant control technologies installed at the time the Board adopts the [TLWQS], and the adoption and implementation of a Pollutant Minimization Plan.” The effluent condition reflecting the greatest pollution reduction achievable is the current effluent condition. As discussed above, the Plant is currently achieving, during April 2023 through December 2025, the 99th percentile of the monthly averages is 582 mg/L, and the highest daily maximum is 1,100 mg/L (Exhibit 6). These levels will be included in the proposed TLWQS to define the highest attainable condition. Those levels may decrease through the implementation of additional consumer education measures, but the extent of any such decrease cannot be predicted at this time. The Village will also work to ensure that these levels remain in full compliance with applicable regulatory requirements.

E. Proposed TLWQS Terms and Suggested Conditions

1) A demonstration of the pollutant control activities proposed to achieve the highest attainable condition, including those activities identified through a Pollutant Minimization Program. 35 IAC 104.530(13).

In addition to continued compliance with existing conditions imposed on the Plant's

outfall discharges by the current NPDES Permit, the Village will comply with the 99th percentile of monthly average chloride and daily maximum chloride interim limits listed above, and the Village Board will implement a Pollutant Minimization Program. That program will include continued public outreach to educate Village residents on how to reduce usage of privately owned softening systems and how to optimize softener settings and regeneration cycles. Further, the program will include continuation of the “Dial it Back” campaign in the Village Newsletter and digital channels (Exhibit 4), and the provision of recommended softener hardness settings in the annual Village Drinking Water Quality Report. The Village could also launch a softener tune-up incentive program to improve softener efficiency and reduce chloride discharges. If that tune up program is established, over the next five years, the Village could track and report the number of tune-ups completed and the estimated chloride reductions achieved each year. In addition, the Village could establish measurable deliverables for collaborative efforts with the Village Board on homeowner education and outreach, such as targets for newsletter distribution, social-media engagement (e.g., clicks and shares), workshop attendance, and direct customer contacts, and will report annually to Illinois EPA on progress. In parallel, the Village could coordinate with the County on best practices for road salting and document measurable deliverables for that collaboration. Notably, however, road salt management is addressed under a separate variance and is not requested here.

To further refine source identification and direct reduction efforts where they will be most effective, the Village could also conduct a one-time sewer chloride concentration survey with two targeted sampling rounds in winter and summer to capture both peak and baseline chloride conditions. The survey would sample locations across the collection system to quantify contributions from industrial, community, and residential areas, with a particular emphasis on areas where industrial users predominate so that any disproportionate industrial contributions are

identified and prioritized. Survey results would be spot-checked on a regular basis to identify key chloride contributors and refine survey methodologies. After the initial survey is complete, the Village would then produce a list of key individual contributors and estimates for each service area. Results would be evaluated to determine follow-up actions and summarized in a survey report sent to Illinois EPA, at which point the Village, in connection with IEPA, would again consider refining survey methodologies and running the survey again as necessary. In addition to these programs, the Village will assess other available methods to reduce loadings of chlorides to its collection system, as well as available technologies to reduce chloride discharge levels in the Regional Plant's effluent and will report annually on any progress made in those efforts to Illinois EPA.

2) The proposed term of the TLWQS, along with a justification that it is only as long as necessary to achieve the highest attainable condition and a description of the relationship between the proposed pollution control activities and the proposed term. 35 IAC 104.530(14).

The proposed term of the TLWQS is five years. During that time, as discussed above, it is not feasible for the Village to comply with the 500 mg/L chlorides limit in its permit, during the months of April through November. During the term of the TLWQS, the Village will comply with the interim limits set forth above, for April through November – 582 mg/L as a geometric mean, on a 12-month rolling-geometric mean basis, and 612 mg/L as a daily maximum (Exhibit 6). The Village believes that the 99th percentile of the monthly averages is most representative of overall performance, which, along with a daily maximum, will be fully protective of both acute and chronic effects in the receiving water. Reporting the daily maximum values on a monthly basis should serve to reveal any increasing trends in effluent concentrations. In addition, the Village will implement the Pollutant Minimization Program described above, which is intended to promote lower chloride use by household water softeners used by Village

residents. Before applying for another TLWQS, the Village will assess any reductions in chloride discharges that result from that program and will also reassess available control methods to reduce chloride levels. A report will be submitted with the petition for the next TLWQS, which will recommend a highest attainable condition that may be adjusted to reflect any improvements that have occurred or that are expected.

- 3) *A proposed reevaluation schedule to reevaluate the highest attainable condition during the term of the time-limited water quality standard, if that proposed term is longer than five years. 35 IAC 104.530(15).***

Not applicable.

- 4) *A demonstration to assure that the proposed highest attainable condition does not conflict with the attainment of downstream water quality standard for the pollutant or parameter for which the time-limited water quality standard is sought. 35 IAC 104.530(17).***

Under the proposed TLWQS, the Village's chloride levels will remain at or below levels in its current discharge. The IEPA's 2020/2022 303(d) List of Impaired Waters for Hickory Creek has de-listed chloride as an impairment for any Hickory Creek segment. Consequently, downstream waters of Hickory Creek Segment GG-06, including the most immediate segments GG-04 and GG-22, are not impaired due to the Regional Plant's chloride discharge.³ Therefore, the proposed highest attainable condition will not conflict with the attainment of downstream water quality standards.

F. Citation to Supporting Documents or Legal Authorities

Any other documentation necessary to support the Petitioner's demonstration under 35 IAC 104.560. 35 IAC 104.530(16).

Relevant portions of supporting documents are cited throughout this document, with Exhibit numbers, and are appended.

³ Illinois Integrated Water Quality Report and Section 303(d) List – 2020/2022, Appendix C-4 Segments/Causes Removed from Illinois' 2018 Section 303(d) List: <https://epa.illinois.gov/content/dam/soi/en/web/epa/topics/water-quality/watershed-management/tmdls/documents/c4-delistings-final-5-26-22.pdf>

II. 40 C.F.R. § 131.14 Requirements

Pursuant to 35 IAC 104.545, the Board must determine whether the Petition meets the requirements of 35 IAC 104.530. It must also determine the Petition's compliance with 40 C.F.R. § 131.14. The demonstrations required by a discharger under 40 C.F.R. § 131.14 are found in 40 C.F.R. § 131.14(b). As an overall matter, the Village is satisfying the Federal requirements by complying with the requirements set forth in the Board's TLWQS regulations, because those Board regulations were specifically designed to satisfy the EPA requirements set forth in 40 CFR § 131.14. In addition, in this Part of the Petition, the Village, seeking an individual TLWQS, describes how Part I of the Petition satisfies the specific requirements of 40 C.F.R. § 131.14. On the basis of the information provided in the Petition, the TLWQS meets the requirements of 40 C.F.R. § 131.14.

A. Identification of the pollutant(s) or water quality parameter(s), and the water body/waterbody segment(s) to which the WQS variance applies. Discharger(s)-specific WQS variances must also identify the permittee(s) subject to the WQS variance. 40 C.F.R. § 131.14(b)(1)(i).

Part I.A. provides this requested information.

B. The requirements that apply throughout the term of the WQS variance. The requirements shall represent the highest attainable condition of the water body or waterbody segment applicable throughout the term of the WQS variance based on the documentation required in [40 C.F.R. § 131.14(b)(2)]. The requirements shall not result in any lowering of the currently attained ambient water quality, unless a WQS variance is necessary for restoration activities.... The State must specify the highest attainable condition of the water body or waterbody segment as a quantifiable expression that is one of the following: (A) For discharger(s)-specific WQS variances: ... (3) If no additional feasible pollutant control technology can be identified, the interim criterion or interim effluent condition that reflects the greatest pollutant reduction achievable with the pollutant control technologies installed at the time the State adopts the WQS variance, and the adoption and implementation of a Pollutant Minimization Program. 40 C.F.R. § 131.14(b)(1)(ii).

Part I.E.1 provides the requirements that will apply throughout the term of the TLWQS.

As demonstrated in Part I.D., these requirements represent the highest attainable condition of the

CAWS and are the “greatest pollutant reduction achievable;” documentation of this is provided in Parts I.C.1-2. and Parts I.E.1-3. The requested TLWQS will not result in any lowering of the currently attained ambient water quality, because the Village will discharge at the same or lower levels of chlorides. Finally, the interim effluent condition is described in Part I.D.

- C. A statement providing that the requirements of the WQS variance are either the highest attainable condition identified at the time of the adoption of the WQS variance, or the highest attainable condition later identified during any reevaluation consistent with paragraph (b)(1)(v) of this section, whichever is more stringent. 40 C.F.R. § 131.14(b)(1)(iii).**

As discussed in Part I.D., the TLWQS as requested, including the conditions contained in Part I.E.1, will ensure the highest attainable condition for Hickory Creek at the time the TLWQS is adopted. Because this is the initial TLWQS, and not a reevaluation of the TLWQS, there are no more stringent conditions that apply.

- D. The term of the WQS variance, expressed as an interval of time from the date of EPA approval or a specific date. The term of the WQS variance must only be as long as necessary to achieve the highest attainable condition and consistent with the demonstration provided in paragraph (b)(2) of this section. The State may adopt a subsequent WQS variance consistent with this section. 40 C.F.R. § 131.14(b)(1)(iv).**

Parts I.E.2 responds to this requirement.

- E. For a WQS variance with a term greater than five years, a specified frequency to reevaluate the highest attainable condition using all existing and readily available information and a provision specifying how the State intends to obtain public input on the reevaluation. Such reevaluations must occur no less frequently than every five years after EPA approval of the WQS variance and the results of such reevaluation must be submitted to EPA within 30 days of completion of the reevaluation. 40 C.F.R. § 131.14(b)(1)(v).**

Not applicable.

- F. A provision that the WQS variance will no longer be the applicable water quality standard for purposes of the Act if the State does not conduct a reevaluation consistent with the frequency specified in the WQS variance or the results are not submitted to EPA as required by (b)(1)(v) of this section. 40 C.F.R. § 131.14(b)(1)(vi).**

Not applicable.

G. Supporting documentation ...demonstrating the need for a WQS variance. 40 C.F.R. § 131.14(b)(2)(i).

The requested TLWQS is to “a use specified in section 101(a)(2) of the Act or a sub-category of such a use[.]” *Id.* The Village explains how the factors listed in 40 C.F.R. § 131.10(g) (and 35 IAC 104.560(a)) are met in Part I.C.2, which shows that attaining the designated use and supporting criterion is not feasible throughout the term of the TLWQS.

H. Supporting documentation ...demonstrating that the term of the WQS variance is only as long as necessary to achieve the highest attainable condition. Such documentation must justify the term of the WQS variance by describing the pollutant control activities to achieve the highest attainable condition, including those activities identified through a Pollutant Minimization Program, which serve as milestones for the WQS variance. 40 C.F.R. § 131.14(b)(2)(ii).

Part I.E.2 addresses this requirement.

III. Request for Hearing

Finally, the Village requests that a hearing be held in this matter.

Dated: March 13, 2026

* * *

VILLAGE OF FRANKFORT, ILLINOIS

By: /s/ Fredric P. Andes
One of Its Attorneys

Fredric P. Andes
BARNES & THORNBURG LLP
One North Wacker Drive
Suite 4400
Chicago, Illinois 60606
(312) 357-1313 (General)
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EXHIBIT 1



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/782-0610

April 13, 2021

Village of Frankfort

432 West Nebraska Street

Frankfort, Illinois 60423

Re: Village of Frankfort
Village of Frankfort - Regional WWTP
NPDES Permit No. IL0072192
Bureau ID W1970400002

APR 15 AM 9:49

Gentlemen:

Attached is the final NPDES Permit for your discharge. The Permit as issued covers discharge limitations, monitoring, and reporting requirements. Failure to meet any portion of the Permit could result in civil and/or criminal penalties. The Illinois Environmental Protection Agency is ready and willing to assist you in interpreting any of the conditions of the Permit as they relate specifically to your discharge.

The following changes have been made to the permit since the public notice period.

1. Special Condition 20 language updated to "once the treatment plant expansion Phase 2 has been completed.."
2. Special Condition 21 removed as requested. Special Condition numbering has been updated.

Pursuant to the Final NPDES Electronic Reporting Rule, all permittees must report DMRs electronically unless a waiver has been granted by the Agency. The Agency utilizes NetDMR, a web based application, which allows the submittal of electronic Discharge Monitoring Reports instead of paper Discharge Monitoring Reports (DMRs). More information regarding NetDMR can be found on the Agency website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/pages/quick-answer-guide.aspx>. If your facility has received a waiver from the NetDMR program, a supply of preprinted paper DMR Forms will be sent to your facility. Additional information and instructions will accompany the preprinted DMRs. Please see the attachment regarding the electronic reporting rule.

The attached Permit is effective as of the date indicated on the first page of the Permit. Until the effective date of any re-issued Permit, the limitations and conditions of the previously-issued Permit remain in full effect. You have the right to appeal any condition of the Permit to the Illinois Pollution Control Board within a 35 day period following the issuance date.

Should you have questions concerning the Permit, please contact Corey Branson at 217/782-0610.

Sincerely,

Brant D. Fleming, P.E.
Manager, Municipal Unit, Permit Section
Division of Water Pollution Control

BDF:CWB:20010901.cwb

Attachments: Final Permit

cc: Records Unit
Des Plaines FOS
CMAF
Compliance Assurance Section
Billing
DRSCW

NPDES Permit No. IL0072192
Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date: April 30, 2026

Issue Date: April 13, 2021

Effective Date: May 1, 2021

Name and Address of Permittee:

Village of Frankfort
432 West Nebraska Street
Frankfort, Illinois 60423

Facility Name and Address:

Village of Frankfort - Regional WWTP
20538 South LaGrange Road
Frankfort, Illinois
(Will County)

Receiving Waters: Hickory Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of the Ill. Adm. Code, Subtitle C, Chapter I, and the Clean Water Act (CWA), the above-named Permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the Effluent Limitations, Monitoring, and Reporting requirements; Special Conditions and Attachment H Standard Conditions attached herein.

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



Brant D. Fleming, P.E.
Manager, Municipal Unit, Permit Section
Division of Water Pollution Control

NPDES Permit No. IL0072192
Effluent Limitations, Monitoring, and Reporting
 FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Existing Facility – Phase 1)

Load limits computed based on a design average flow (DAF) of 4.67 MGD (design maximum flow (DMF) of 14.0 MGD).

From the effective date of this permit until operation of the Phase 2 proposed facility or expiration date, whichever comes first, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

Parameter	LOAD LIMITS lbs/day			CONCENTRATION LIMITS MG/L			Sample Frequency	Sample Type
	Monthly Average	Weekly Average	Daily Maximum	Monthly Average	Weekly Average	Daily Maximum		
Flow (MGD)							Continuous	
CBOD ₅ ** ⁽¹⁾	312 (934)		623 (1868)	8		16	3 Days/Week	Composite
Suspended Solids ⁽¹⁾	389 (1168)		779 (2335)	10		20	3 Days/Week	Composite
Dissolved Oxygen	Shall not be less than 7 mg/L						3 Days/Week	Grab
pH	Shall be in the range of 6 to 9 Standard Units						3 Days/Week	Grab
Fecal Coliform***	Daily Maximum shall not exceed 400 per 100 mL (May through October)						3 Days/Week	Grab
Chlorine Residual						0.038	****	Grab
Ammonia Nitrogen as (N)								
March-May/Sept.-Oct.	58 (175)		136 (409)	1.5		3.5	3 Days/Week	Composite
June-August	35 (105)	90 (269)	171 (514)	0.9	2.3	4.4	3 Days/Week	Composite
Nov.-Feb.	86 (257)		125 (374)	2.2		3.2	3 Days/Week	Composite
Total Phosphorus (as P)	39 (117)			1.0			3 Days/Week	Composite
Total Nitrogen (as N)	Monitoring Only						1 Day/Month	Composite
Dissolved Phosphorus	Monitoring Only						1 Day/Month	Composite
Nitrate/Nitrite	Monitoring Only						1 Day/Month	Composite
Total Kjeldahl Nitrogen (TKN)	Monitoring Only						1 Day/Month	Composite
Specific Conductivity	Monitoring Only						1 Day/Month	Grab
Temperature	Monitoring Only						1 Day/Month	Grab
Chloride (April – Nov) ⁽²⁾⁽³⁾			19474 (58380)			500	1 Day/Week	Composite
Alkalinity	Monitoring Only						1 Day/Month	Grab

*Load limits based on design maximum flow shall apply only when flow exceeds design average flow.

**Carbonaceous BOD₅ (CBOD₅) testing shall be in accordance with 40 CFR 136.

***See Special Condition 8.

****See Special Conditions 7.

Flow shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

Fecal Coliform shall be reported on the DMR as a daily maximum value.

pH shall be reported on the DMR as minimum and maximum value.

Dissolved oxygen shall be reported on the DMR as a minimum value.

NPDES Permit No. IL0072192
Effluent Limitations, Monitoring, and Reporting
FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Existing Facility – Phase 1) (Continued)

Total Nitrogen shall be reported on the DMR as a daily maximum value. Total Nitrogen is the sum total of Total Kjeldahl Nitrogen, Nitrate, and Nitrite.

Total Phosphorus shall be reported on the DMR as a daily maximum and monthly average value.

⁽¹⁾See Special Condition 22.

⁽²⁾See Special Condition 26.

⁽³⁾Chloride shall be limited during the months of April through November. Chloride monitoring shall continue during the months of December through March at a frequency of 1 day/week. Chloride shall be reported on the DMR as a daily maximum value.

NPDES Permit No. IL0072192
Effluent Limitations, Monitoring, and Reporting
 FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Proposed Facility – Phase 2)

Load limits computed based on a design average flow (DAF) of 5.65 MGD (design maximum flow (DMF) of 17.0 MGD).

From the operational date of the Phase 2 proposed facility until the expiration date, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

<u>Parameter</u>	<u>LOAD LIMITS lbs/day</u>			<u>CONCENTRATION LIMITS MG/L</u>			<u>Sample Frequency</u>	<u>Sample Type</u>
	<u>Monthly Average</u>	<u>Weekly Average</u>	<u>Daily Maximum</u>	<u>Monthly Average</u>	<u>Weekly Average</u>	<u>Daily Maximum</u>		
Flow (MGD)							Continuous	
CBOD ₅ **,(1)	377 (1134)		754 (2268)	8		16	3 Days/Week	Composite
Suspended Solids ⁽¹⁾	471 (1418)		942 (2836)	10		20	3 Days/Week	Composite
Dissolved Oxygen	Shall not be less than 7 mg/L						3 Days/Week	Grab
pH	Shall be in the range of 6 to 9 Standard Units						3 Days/Week	Grab
Fecal Coliform***	Daily Maximum shall not exceed 400 per 100 mL (May through October)						3 Days/Week	Grab
Chlorine Residual						0.038	****	Grab
Ammonia Nitrogen as (N)								
March-May/Sept.-Oct.	71 (213)		165 (496)	1.5		3.5	3 Days/Week	Composite
June-August	42 (128)	108 (326)	207 (624)	0.9	2.3	4.4	3 Days/Week	Composite
Nov.-Feb.	104 (312)		151 (454)	2.2		3.2	3 Days/Week	Composite
Total Phosphorus(as P)	47 (142)			1.0			3 Days/Week	Composite
Total Nitrogen (as N) ⁽³⁾	Monitoring Only						1 Day/Month	Composite
Dissolved Phosphorus	Monitoring Only						1 Day/Month	Composite
Nitrate/Nitrite	Monitoring Only						1 Day/Month	Composite
Total Kjeldahl Nitrogen (TKN)	Monitoring Only						1 Day/Month	Composite
Specific Conductivity	Monitoring Only						1 Day/Month	Grab
Temperature	Monitoring Only						1 Day/Month	Grab
Chloride(April – Nov.) ⁽²⁾⁽⁴⁾			23,561 (70,890)			500	1 Day/Week	Composite

*Load limits based on design maximum flow shall apply only when flow exceeds design average flow.

**Carbonaceous BOD₅ (CBOD₅) testing shall be in accordance with 40 CFR 136.

***See Special Condition 8.

****See Special Conditions 7.

Flow shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

Fecal Coliform shall be reported on the DMR as a daily maximum value.

pH shall be reported on the DMR as minimum and maximum value.

Dissolved oxygen shall be reported on the DMR as a minimum value.

Total Nitrogen shall be reported on the DMR as a daily maximum value. Total Nitrogen is the sum total of Total Kjeldahl Nitrogen, Nitrate, and Nitrite.

NPDES Permit No. IL0072192

Effluent Limitations, Monitoring, and Reporting

FINAL

Discharge Number(s) and Name(s): 001 STP Outfall (Proposed Facility – Phase 2) (continued)

Total Phosphorus shall be reported on the DMR as a daily maximum and monthly average value.

⁽¹⁾See Special Condition 22.

⁽²⁾See Special Condition 26.

⁽³⁾See Special Condition 23.

⁽⁴⁾ Chloride shall be limited during the months of April through November. Chloride monitoring shall continue during the months of December through March at a frequency of 1 day/week. Chloride shall be reported on the DMR as a daily maximum value

NPDES Permit No. IL0072192

Influent Monitoring, and Reporting

The influent to the plant shall be monitored as follows:

<u>Parameter</u>	<u>Sample Frequency</u>	<u>Sample Type</u>
Flow (MGD)	Continuous	IRT*
BOD ₅	3 Days/Week	Composite
Suspended Solids	3 Days/Week	Composite
Total Phosphorus (as P)	1 Day/Month	Composite
Total Nitrogen (as N)	1 Day/Month	Composite

Influent samples shall be taken at a point representative of the influent.

Flow (MGD) shall be reported on the Discharge Monitoring Report (DMR) as monthly average and daily maximum.

BOD₅ and Suspended Solids shall be reported on the DMR as a monthly average concentration.

Total Phosphorus and Total Nitrogen shall be reported on the DMR as a daily maximum value. Total Nitrogen is the sum total of Total Kjeldahl Nitrogen, Nitrate, and Nitrite.

*Indicating,Recording,Totalizing

Special Conditions

SPECIAL CONDITION 1. This Permit may be modified to include different final effluent limitations or requirements which are consistent with applicable laws and regulations. The IEPA will public notice the permit modification.

SPECIAL CONDITION 2. The use or operation of this facility shall be by or under the supervision of a Certified Class 1 operator.

SPECIAL CONDITION 3. The IEPA may request in writing submittal of operational information in a specified form and at a required frequency at any time during the effective period of this Permit.

SPECIAL CONDITION 4. The IEPA may request more frequent monitoring by permit modification pursuant to 40 CFR § 122.63 and Without Public Notice.

SPECIAL CONDITION 5. The effluent, alone or in combination with other sources, shall not cause a violation of any applicable water quality standard outlined in 35 Ill. Adm. Code 302 and 303.

SPECIAL CONDITION 6. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 7. For Discharge No. 001, any use of chlorine to control slime growths, odors or as an operational control, etc. shall not exceed the limit of 0.038 mg/L (daily maximum) total residual chlorine in the effluent. Sampling is required on a daily grab basis during the chlorination process. Reporting shall be submitted on the DMR's on a monthly basis.

SPECIAL CONDITION 8. Fecal Coliform limits for Discharge Number 001 are effective May thru October. Sampling of Fecal Coliform is only required during this time period.

SPECIAL CONDITION 9. The Permittee shall conduct semi-annual monitoring of the effluent and report concentrations (in mg/L) of the following listed parameters. Monitoring shall begin three (3) months from the effective date of this permit. The sample shall be a 24-hour effluent composite except as otherwise provided below and the results shall be submitted on Discharge Monitoring Report (DMR) electronic forms, unless otherwise specified by the IEPA. The parameters to be sampled and the minimum reporting limits to be attained are as follows:

<u>CODE</u>	<u>PARAMETER</u>	<u>Minimum reporting limit</u>
01002	Arsenic	0.05 mg/L
01007	Barium	0.5 mg/L
01027	Cadmium	0.001 mg/L
01032	Chromium (hexavalent) (grab)	0.01 mg/L
01034	Chromium (total)	0.05 mg/L
01042	Copper	0.005 mg/L
00720	Cyanide (total) (grab)***	5.0 µg/L
00722	Cyanide (grab) (available**** or amenable to chlorination)***	5.0 µg/L
00951	Fluoride	0.1 mg/L
01045	Iron (total)	0.5 mg/L
01046	Iron (Dissolved)	0.5 mg/L
01051	Lead	0.05 mg/L
01055	Manganese	0.5 mg/L
71900	Mercury (grab)**	1.0 ng/L*
01067	Nickel	0.005 mg/L
00556	Oil (hexane soluble or equivalent) (Grab Sample only)	5.0 mg/L
32730	Phenols (grab)	0.005 mg/L
01147	Selenium	0.005 mg/L
01077	Silver (total)	0.003 mg/L
01092	Zinc	0.025 mg/L

The minimum reporting limit for each parameter is specified by Illinois EPA as the regulatory authority.

The minimum reporting limit for each parameter shall be greater than or equal to the lowest calibration standard and within the acceptable calibration range of the instrument.

The minimum reporting limit is the value below which data are to be reported as non-detects.

The statistically-derived laboratory method detection limit for each parameter shall be less than the minimum reporting limit required for that parameter.

Special Conditions

All sample containers, chemical and thermal preservation, holding times, analyses, method detection limit determinations and quality assurance/quality control requirements shall be in accordance with 40 CFR Part 136.

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined, including all oxidation states.

*1.0 ng/L = 1 part per trillion.

**Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E.

***Analysis for cyanide (available or amenable to chlorination) is only required if cyanide (total) is detected at or above the minimum reporting limit.

****USEPA Method OIA-1677 or Standard Method SM 4500-CN G.

The Permittee shall sample and analyze the effluent for the pollutants identified in 40 CFR Part 122 Appendix J, Table 2. Provide data from a minimum of 3 samples taken within four and one-half years prior to the expiration of this Permit. Samples must be representative of the seasonal variation in the discharge. All samples must be collected and analyzed in accordance with analytical methods approved under 40 CFR Part 136. Sample results shall be submitted with the application for renewal of this Permit.

The Permittee must provide notice of any new introduction of pollutants from an indirect discharger which would be subject to Section 301 or 306 of the Clean Water Act as if it were directly discharging these pollutants and any substantial change in the volume or character of pollutants being introduced by a source introducing pollutants at the time of issuance of this Permit. The notice must include information on the quality and quantity of effluent introduced and any anticipated impact of the change on the quantity or quality of the effluent to be discharged.

The Permittee submitted a report to the IEPA and U.S. EPA describing the permittee's pretreatment activities and an updated listing of the Permittee's significant industrial users dated August 29, 2019.

SPECIAL CONDITION 10. During January of each year the Permittee shall submit annual fiscal data regarding sewerage system operations to the Illinois Environmental Protection Agency/Division of Water Pollution Control/Compliance Assurance Section. The Permittee may use any fiscal year period provided the period ends within twelve (12) months of the submission date.

Submission shall be on forms provided by IEPA titled "Fiscal Report Form For NPDES Permittees".

SPECIAL CONDITION 11. The Permittee shall conduct biomonitoring of the effluent from Discharge Number(s) 001.

Biomonitoring

- A. Acute Toxicity - Standard definitive acute toxicity tests shall be run on at least two trophic levels of aquatic species (fish, invertebrate) representative of the aquatic community of the receiving stream. Testing must be consistent with Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (Fifth Ed.) EPA/821-R-02-012. Unless substitute tests are pre-approved; the following tests are required:
1. Fish 96-hour static LC₅₀ Bioassay using fathead minnows (*Pimephales promelas*).
 2. Invertebrate 48-hour static LC₅₀ Bioassay using *Ceriodaphnia*.
- B. Testing Frequency - The above tests shall be conducted using 24-hour composite samples unless otherwise authorized by the IEPA. Sample collection and testing must be conducted in the 18th, 15th, 12th, and 9th month prior to the expiration date of this Permit. When possible, bioassay sample collection should coincide with sample collection for metals analysis or other parameters that may contribute to effluent toxicity.
- C. Reporting - Results shall be reported according to EPA/821-R-02-012, Section 12, Report Preparation, and shall be mailed to IEPA, Bureau of Water, Compliance Assurance Section or emailed to EPA.PrmtSpecCondtns@Illinois.gov within one week of receipt from the laboratory. Reports are due to the IEPA no later than the 16th, 13th, 10th, and 7th month prior to the expiration date of this Permit.
- D. Toxicity - Should a bioassay result in toxicity to >20% of organisms tested in the 100% effluent treatment, the IEPA may require, upon notification, six (6) additional rounds of monthly testing on the affected organism(s) to be initiated within 30 days of the toxic bioassay. Results shall be submitted to IEPA within one (1) week of becoming available to the Permittee. Should any of the additional bioassays result in toxicity to ≥50% of organisms tested in the 100% effluent treatments, the Permittee must contact the IEPA within one (1) day of the results becoming available to the Permittee and begin the toxicity identification and reduction evaluation process as outlined below.

Special Conditions

- E. Toxicity Identification and Reduction Evaluation - Should any of the additional bioassays result in toxicity to $\geq 50\%$ of organisms tested in the 100% effluent treatment, the Permittee must contact the IEPA within one (1) day of the results becoming available to the Permittee and begin the toxicity identification evaluation process in accordance with Methods for Aquatic Toxicity Identification Evaluations, EPA/600/6-91/003. The IEPA may also require, upon notification, that the Permittee prepare a plan for toxicity reduction evaluation to be developed in accordance with Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants, EPA/833B-99/002, which shall include an evaluation to determine which chemicals have a potential for being discharged in the plant wastewater, a monitoring program to determine their presence or absence and to identify other compounds which are not being removed by treatment, and other measures as appropriate. The Permittee shall submit to the IEPA its plan for toxicity reduction evaluation within ninety (90) days following notification by the IEPA. The Permittee shall implement the plan within ninety (90) days or other such date as contained in a notification letter received from the IEPA.

The IEPA may modify this Permit during its term to incorporate additional requirements or limitations based on the results of the biomonitoring. In addition, after review of the monitoring results, the IEPA may modify this Permit to include numerical limitations for specific toxic pollutants. Modifications under this condition shall follow public notice and opportunity for hearing.

SPECIAL CONDITION 12. For the duration of this Permit, the Permittee shall determine the quantity of sludge produced by the treatment facility in dry tons or gallons with average percent total solids analysis. The Permittee shall maintain adequate records of the quantities of sludge produced and have said records available for U.S. EPA and IEPA inspection. The Permittee shall submit to the IEPA, at a minimum, a semi-annual summary report of the quantities of sludge generated and disposed of, in units of dry tons or gallons (average total percent solids) by different disposal methods including but not limited to application on farmland, application on reclamation land, landfilling, public distribution, dedicated land disposal, sod farms, storage lagoons or any other specified disposal method. Said reports shall be submitted to the IEPA by January 31 and July 31 of each year reporting the preceding January thru June and July thru December interval of sludge disposal operations.

Duty to Mitigate. The Permittee shall take all reasonable steps to minimize any sludge use or disposal in violation of this Permit.

Sludge monitoring must be conducted according to test procedures approved under 40 CFR 136 unless otherwise specified in 40 CFR 503, unless other test procedures have been specified in this Permit.

Planned Changes. The Permittee shall give notice to the IEPA on the semi-annual report of any changes in sludge use and disposal.

The Permittee shall retain records of all sludge monitoring, and reports required by the Sludge Permit as referenced in Standard Condition 25 for a period of at least five (5) years from the date of this Permit.

If the Permittee monitors any pollutant more frequently than required by this permit or the Sludge Permit, the results of this monitoring shall be included in the reporting of data submitted to the IEPA.

The Permittee shall comply with existing federal regulations governing sewage sludge use or disposal and shall comply with all existing applicable regulations in any jurisdiction in which the sewage sludge is actually used or disposed.

The Permittee shall comply with standards for sewage sludge use or disposal established under section 405(d) of the CWA within the time provided in the regulations that establish the standards for sewage sludge use or disposal even if the permit has not been modified to incorporate the requirement.

The Permittee shall ensure that the applicable requirements in 40 CFR Part 503 are met when the sewage sludge is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator.

Monitoring reports for sludge shall be reported on the form titled "Sludge Management Reports" to the following address:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section
Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 13. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) electronic forms using one such form for each outfall each month.

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

Special Conditions

The Permittee is required to submit electronic DMRs (NetDMRs) instead of mailing paper DMRs to the IEPA unless a waiver has been granted by the Agency. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <https://www2.illinois.gov/epa/topics/water-quality/surface-water/netdmr/pages/quick-answer-guide.aspx>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 25th day of the following month, unless otherwise specified by the permitting authority.

Permittees that have been granted a waiver shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attention: Compliance Assurance Section, Mail Code # 19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 14. The Permittee shall participate in the Lower Des Plaines Watershed Group (LDWG). The Permittee shall work with other watershed members of the LDWG to determine the most cost effective means to remove dissolved oxygen (DO) and offensive condition impairments in the Lower Des Plaines Watershed to the extent feasible. The Permittee shall participate in the LDWG for the completion of the Bioassessment Monitoring Program Plan of the Lower Des Plaines Watershed Bioassessment Quality Assurance Project Plan dated July 27, 2018 (hereinafter the Plan) which will include biological, chemical and physical monitoring of the Lower Des Plaines River Watershed.

- A. The LDWG will conduct the following activities in accordance with the Plan during the term of this permit:
1. Conduct re-sampling of a subset of stations in Upper Mainstem Des Plaines River in 2020;
 2. Conduct stream monitoring in Hickory Creek Watershed in 2020;
 3. Conduct stream monitoring in remaining tributaries of the Des Plaines River in 2021; and
 4. Assess stream monitoring and develop recommendations for future stream monitoring in 2022.
- B. The Permittee shall submit an annual progress report on the activities identified in (A) above to the Agency by March 31 of each year. The Permittee may work cooperatively with the LDWG to prepare a single annual progress report that is common among LDWG members.
- C. In its application for renewal of this permit, the Permittee shall consider and incorporate recommended LDWG activities listed in any annual progress report or Nutrient Assessment Reduction Plan that the Permittee will implement during the next permit term.

SPECIAL CONDITION 15. The Permittee shall maintain and implement a Phosphorus Discharge Optimization Plan. The plan shall include a schedule for the implementation of these optimization measures. Annual progress reports on the optimization of the existing treatment facilities shall be submitted electronically to EPA.PrmtSpecCondtns@illinois.gov with "IL0072192 Special Condition 15" as the subject of the email by March 31 of each year. As part of the plan, the Permittee shall evaluate a range of measures for reducing phosphorus discharges from the treatment plant, including possible source reduction measures, operational improvements, and minor facility modifications that will optimize reductions in phosphorus discharges from the wastewater treatment facility. The Permittee's evaluation shall include, but not be limited to, an evaluation of the following optimization measures:

- A. WWTF influent reduction measures.
1. Evaluate the phosphorus reduction potential of users.
 2. Determine which sources have the greatest opportunity for reducing phosphorus (i.e., industrial, commercial, institutional, municipal and others).
 - a. Determine whether known sources (i.e., restaurant and food preparation) can adopt phosphorus minimization and water conservation plans.
 - b. Evaluate implementation of local limits on influent sources of excessive phosphorus.
- B. WWTF effluent reduction measures.
1. Reduce phosphorus discharges by optimizing existing treatment processes.
 - a. Adjust the solids retention time for either nitrification, denitrification, or biological phosphorus removal.
 - b. Adjust aeration rates to reduce dissolved oxygen and promote simultaneous nitrification-denitrification.
 - c. Add baffles to existing units to improve microorganism conditions by creating divided anaerobic, anoxic, and aerobic zones.
 - d. Change aeration settings in plug flow basins by turning off air or mixers at the inlet side of the basin system.
 - e. Minimize impact on recycle streams by improving aeration within holding tanks.
 - f. Reconfigure flow through existing basins to enhance biological nutrient removal.
 - g. Increase volatile fatty acids for biological phosphorus removal.

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SPECIAL CONDITION 16. The provisions of 40 CFR Section 122.41(m) & (n) are incorporated herein by reference.

SPECIAL CONDITION 17. Consistent with permit modification procedures in 40 CFR 122.62 and 63, this Permit may be modified to include requirements for the Permittee on a continuing basis to evaluate and detail its efforts to effectively control sources of infiltration and inflow into the sewer system and to submit reports to the IEPA if necessary.

SPECIAL CONDITION 18. The Permittee shall work towards the goals of achieving no discharges from sanitary sewer overflows or basement back-ups and ensuring that overflows or back-ups, when they do occur do not cause or contribute to violations of applicable standards or cause impairment in any adjacent receiving water. Overflows from sanitary sewers are expressly prohibited by this permit and by Ill. Adm. Code 306.304. As part of the process to ultimately achieve compliance through the elimination of and mitigating the adverse impacts of any such overflows if they do occur, the Permittee shall (A) identify and report to IEPA all SSOs that do occur, and (B) update the existing Capacity, Management, Operations, and Maintenance (CMOM) plan at least annually and maintain it at the facility for review during Agency Field Operations Section inspections. The Permittee shall submit copies of the CMOM to the IEPA upon written request. The Permittee shall modify the Plan to incorporate any comments that it receives from IEPA and shall implement the modified plan as soon as possible. The Permittee should work as appropriate, in consultation with affected authorities at the local, county, and/or state level to develop the plan components involving third party notification of overflow events. The Permittee may be required to construct additional sewage transport and/or treatment facilities in future permits or other enforceable documents should the implemented CMOM plan indicate that the Permittee's facilities are not capable of conveying and treating the flow for which they are designed.

The CMOM plan shall include the following elements:

A. Measures and Activities:

1. A complete map and system inventory for the collection system owned and operated by the Permittee;
2. Organizational structure; budgeting; training of personnel; legal authorities; schedules for maintenance, sewer system cleaning, and preventative rehabilitation; checklists, and mechanisms to ensure that preventative maintenance is performed on equipment owned and operated by the Permittee;
3. Documentation of unplanned maintenance;
4. An assessment of the capacity of the collection and treatment system owned and operated by the Permittee at critical junctions and immediately upstream of locations where overflows and backups occur or are likely to occur; use flow monitoring and/or sewer hydraulic modeling, as necessary;
5. Identification and prioritization of structural deficiencies in the system owned and operated by the Permittee. Include preventative maintenance programs to prevent and/or eliminate collection system blockages from roots or grease, and prevent corrosion or negative effects of hydrogen sulfide which may be generated within collection system;
6. Operational control, including documented system control procedures, scheduled inspections and testing, list of scheduled frequency of cleaning (and televising as necessary) of sewers;
7. The Permittee shall develop and implement an Asset Management strategy to ensure the long-term sustainability of the collection system. Asset Management shall be used to assist the Permittee in making decisions on when it is most appropriate to repair, replace or rehabilitate particular assets and develop long-term funding strategies; and
8. Asset Management shall include but is not limited to the following elements:
 - a. Asset Inventory and State of the Asset;
 - b. Level of Service;
 - c. Critical Asset Identification;
 - d. Life Cycle Cost; and
 - e. Long-Term Funding Strategy.

B. Design and Performance Provisions:

1. Monitor the effectiveness of CMOM;
2. Upgrade the elements of the CMOM plan as necessary; and
3. Maintain a summary of CMOM activities.

C. Overflow Response Plan:

1. Know where overflows and back-ups within the facilities owned and operated by the Permittee occur;
2. Respond to each overflow or back-up to determine additional actions such as clean up; and
3. Locations where basement back-ups and/or sanitary sewer overflows occur shall be evaluated as soon as practicable for excessive inflow/infiltration, obstructions or other causes of overflows or back-ups as set forth in the System Evaluation Plan.
4. Identify the root cause of the overflow or basement backup, and document to files;
5. Identify actions or remediation efforts to reduce risk of reoccurrence of these overflows or basement backups in the future, and document to files.

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D. System Evaluation Plan:

1. Summary of existing SSO and Excessive I/I areas in the system and sources of contribution;
2. Evaluate plans to reduce I/I and eliminate SSOs;
3. Evaluate the effectiveness and performance in efforts to reduce excessive I/I in the collection system;
4. Special provisions for Pump Stations and force mains and other unique system components; and
5. Construction plans and schedules for correction.

E. Reporting and Monitoring Requirements:

1. Program for SSO detection and reporting; and
2. Program for tracking and reporting basement back-ups, including general public complaints.

F. Third Party Notice Plan:

1. Describes how, under various overflow scenarios, the public, as well as other entities, would be notified of overflows within the Permittee's system that may endanger public health, safety or welfare;
2. Identifies overflows within the Permittee's system that would be reported, giving consideration to various types of events including events with potential widespread impacts;
3. Identifies who shall receive the notification;
4. Identifies the specific information that would be reported including actions that will be taken to respond to the overflow;
5. Includes a description of the lines of communication; and
6. Includes the identities and contact information of responsible POTW officials and local, county, and/or state level officials.

For additional information concerning USEPA CMOM guidance and Asset Management please refer to the following web site addresses. http://www.epa.gov/npdes/pubs/cmom_guide_for_collection_systems.pdf and http://water.epa.gov/type/watersheds/wastewater/upload/guide_smallsystems_assetmanagement_bestpractices.pdf

SPECIAL CONDITION 19. The Permittee may collect data in support of developing site-specific effluent limitations for ammonia nitrogen. Instream monitoring for pH and temperature would be required. Samples should be taken downstream at a point representative of substantial mixing with the receiving stream and below the surface. A monitoring plan must be submitted to the Agency for approval which indicates the location, sample frequency and the duration of the monitoring program. Should the instream monitoring data indicate that less stringent ammonia nitrogen effluent limitations are protective of the receiving stream, this Permit may be modified to include alternate ammonia nitrogen effluent limitations designed to prevent exceedances of the ammonia nitrogen water quality standards.

SPECIAL CONDITION 20. The Permittee shall notify the IEPA in writing once the treatment plant expansion Phase 2 has been completed. A letter stating the date that the expansion was completed shall be sent to the following address within fourteen (14) days of the expansion becoming operational:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section, Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 21. The Permittee shall monitor the wastewater effluent for Total Phosphorus, Dissolved Phosphorus, Nitrate/Nitrite, Total Kjeldahl Nitrogen (TKN), Ammonia, Total Nitrogen (calculated), Alkalinity, Specific Conductivity, Chloride and Temperature at least once a month beginning on the effective date of this permit. The Permittee shall monitor the wastewater influent for Total Phosphorus at least once a month. The results shall be submitted on electronic Discharge Monitoring Report Forms (NetDMRs) to IEPA unless otherwise specified by the IEPA.

SPECIAL CONDITION 22. BOD₅ and Suspended Solids (85% removal required) For Discharge No. 001: In accordance with 40 CFR 133, the 30-day average percent removal shall not be less than 85 percent. The percent removal need not be reported to the IEPA on DMRs but influent and effluent data must be available, as required elsewhere in this Permit, for IEPA inspection and review. For measuring compliance with this requirement, 5 mg/L shall be added to the effluent CBOD₅ concentration to determine the effluent BOD₅ concentration.

Percent removal is a percentage expression of the removal efficiency across a treatment plant for a given pollutant parameter, as determined from the 30-day average values of the raw wastewater influent concentrations to the facility and the 30-day average values

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of the effluent pollutant concentrations for a given time period.

SPECIAL CONDITION 23. The Permittee shall notify the IEPA in writing of any operational deficiencies and corrective measures to be taken if the treatment plant (proposed facility) exceeds a monthly average concentration value of 10 mg/l of Total Nitrogen in the effluent. Correspondence shall be directed to:

Illinois Environmental Protection Agency
Bureau of Water
Compliance Assurance Section, Mail Code #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Illinois Environmental Protection Agency
Bureau of Water
Springfield Field Office, Mail Code #10
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

SPECIAL CONDITION 24.

- A. Subject to paragraph B below, an effluent limit of 0.5 mg/L Total Phosphorus 12 month rolling geometric mean (calculated monthly) basis (hereinafter "Limit"), shall be met by the Permittee by January 1, 2030, unless the Permittee demonstrates that meeting such Limit is not technologically or economically feasible in one of the following manners:
1. the Limit is not technologically feasible through the use of biological phosphorus removal (BPR) process(es) at the treatment facility; or
 2. the Limit would result in substantial and widespread economic or social impact. Substantial and widespread economic impacts must be demonstrated using applicable USEPA guidance, including but not limited to any of the following documents:
 - a. Interim Economic Guidance for Water Quality Standards, March 1995, EPA-823-95-002;
 - b. Combined Sewer Overflows – Guidance for Financial Capability Assessment and Schedule Development, February 1997, EPA-832—97-004;
 - c. Financial Capability Assessment Framework for Municipal Clean Water Act Requirements, November 24, 2014; and
 - d. any additional USEPA guidance on affordability issues that revises, supplements or replaces those USEPA guidance documents; or
 3. the Limit can only be met by chemical addition for phosphorus removal at the treatment facility in addition to those processes currently contemplated; or
 4. the Limit is demonstrated not to be feasible by January 1, 2030, but is feasible within a longer timeline, then the Limit shall be met as soon feasible and approved by the Agency; or
 5. the Limit is demonstrated not to be achievable, then an effluent limit that is achievable by the Permittee (along with associated timeline) will apply instead, except that the effluent limit shall not exceed 0.6 mg/L Total Phosphorus 12 month rolling geometric mean (calculated monthly).
- B. The Limit shall be met by the Permittee by January 1, 2030, except in the following circumstances:
1. If the Permittee develops a written plan, preliminary engineering report or facility plan no later than January 1, 2025, to rebuild or replace the secondary treatment process(es) of the treatment facility, the Limit shall be met by December 31, 2035; or
 2. If the Permittee decides to construct/operate biological nutrient removal (BNR) process(es), incorporating nitrogen reduction, the Limit shall be met by December 31, 2035; or
 3. If the Permittee decides to use chemical addition for phosphorus removal instead of BPR, the Limit and the effluent limit of 1.0 mg/L Total Phosphorus monthly average shall be met by December 31, 2025; or
 4. If the Permittee has already installed chemical addition for phosphorus removal instead of BPR, and has a 1.0 mg/L Total Phosphorus monthly average effluent limit in its permit, or the Permittee is planning to install chemical addition with an IEPA construction permit that is issued on or before July 31, 2018, the 1.0 mg/L Total Phosphorus monthly average effluent limit (and associated compliance schedule) shall apply, and the Limit shall not be applicable.
 5. The NARP determines that a limit lower than the Limit is necessary and attainable. The lower limit and timeline identified in the NARP shall apply to the Permittee.
 6. If the Permittee is covered by any of the following scenarios:
 - a. maintains a membership and participates in the DuPage River Salt Creek Workgroup or the Lower DuPage Watershed Coalition; or
 - b. it participates in a watershed group that is developing a NARP for an impairment related to phosphorus or a risk eutrophication, and IEPA determines that the group has the financial and structural capability to develop the NARP by the deadline specified in the NARP provisions below; or
 - c. it is covered by the 2017 Settlement Agreement between the Metropolitan Water Reclamation District of Greater Chicago and various environmental groups;¹ or
 - d. it is covered by the Memorandum of Understanding, executed as of October 5, 2016, between the City of Joliet, Prairie Rivers Network, and the Illinois Chapter of Sierra Club concerning expansion of the City's Aux Sable Wastewater Treatment Plant.

¹Those groups are: NRDC, Friends of the Chicago River, Gulf Restoration Network, the Environmental Law and Policy Center, Sierra Club, and Prairie Rivers Network.

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- C. The Permittee shall identify and provide adequate justification of any exception identified in paragraph A or circumstance identified in paragraph B, regarding meeting the Limit. The justification shall be submitted to the Agency at the time of renewal of this permit or by December 31, 2023, whichever date is first. Any justification or demonstration performed by the Permittee pursuant to paragraph A or circumstance pursuant to paragraph B must be reviewed and approved by the Agency. The Agency will renew or modify the NPDES permit as necessary. No date deadline modification or effluent limitation modification for any of the exceptions or circumstances specified in paragraphs A or B will be effective until it is included in a modified or reissued NPDES Permit.
- D. For purposes of this permit, the following definitions are used:
1. BPR (Biological Phosphorus Removal) is defined herein as treatment processes which do not require use of supplemental treatment processes at the treatment facilities before or after the biological system, such as but not limited to, chemical addition, carbon supplementation, fermentation, or filtration. The use of filtration or additional equipment to meet other effluent limits is not prohibited, but those processes will not be considered part of the BPR process for purposes of this permit; and
 2. BNR (Biological Nutrient Removal) is defined herein as treatment processes used for nitrogen and phosphorus removal from wastewater before it is discharged. BNR treatment processes, as defined herein, do not require use of supplemental treatment processes at the treatment facilities before or after the biological system, such as but not limited to, chemical addition, carbon supplementation, fermentation or filtration. The use of filtration or additional equipment to meet other effluent limits is not prohibited, but those processes will not be considered part of the BNR process for purposes of this permit.
- E. The 0.5 mg/L Total Phosphorus 12 month rolling geometric mean (calculated monthly) effluent limit applies to the effluent from the treatment plant.

SPECIAL CONDITION 25. The Agency has determined that the Permittee's treatment plant effluent is located upstream of a waterbody or stream segment that has been determined to have a phosphorus related impairment. This determination was made upon reviewing available information concerning the characteristics of the relevant waterbody/segment and the relevant facility (such as quantity of discharge flow and nutrient load relative to the stream flow).

A phosphorus related impairment means that the downstream waterbody or segment is listed by the Agency as impaired due to dissolved oxygen and/or offensive condition (algae and/or aquatic plant growth) impairments that is related to excessive phosphorus levels.

The Permittee shall develop, or be a part of a watershed group that develops, a Nutrient Assessment Reduction Plan (NARP) that will meet the following requirements:

- A. The NARP shall be developed and submitted to the Agency by December 31, 2023. This requirement can be accomplished by the Permittee, by participation in an existing watershed group or by creating a new group. The NARP shall be supported by data and sound scientific rationale.
- B. The Permittee shall cooperate with and work with other stakeholders in the watershed to determine the most cost-effective means to address the phosphorus related impairment. If other stakeholders in the watershed will not cooperate in developing the NARP, the Permittee shall develop its own NARP for submittal to the Agency to comply with this condition.
- C. In determining the target levels of various parameters necessary to address the phosphorus related impairment, the NARP shall either utilize the recommendations by the Nutrient Science Advisory Committee or develop its own watershed-specific target levels.
- D. The NARP shall identify phosphorus input reductions by point source discharges and non-point source discharges in addition to other measures necessary to remove phosphorus related impairments in the watershed. The NARP may determine, based on an assessment of relevant data, that the watershed does not have an impairment related to phosphorus, in which case phosphorus input reductions or other measures would not be necessary. Alternatively, the NARP could determine that phosphorus input reductions from point sources are not necessary, or that phosphorus input reductions from both point and nonpoint sources are necessary, or that phosphorus input reductions are not necessary and that other measures, besides phosphorus input reductions, are necessary.
- E. The NARP shall include a schedule for the implementation of the phosphorus input reductions by point sources, non-point sources and other measures necessary to remove phosphorus related impairments. The NARP schedule shall be implemented as soon as possible, and shall identify specific timelines applicable to the Permittee.
- F. The NARP can include provisions for water quality trading to address the phosphorus related impairments in the watershed. Phosphorus/Nutrient trading cannot result in violations of water quality standards or applicable antidegradation requirements.
- G. The Permittee shall request modification of the permit within 90 days after the NARP has been completed to include necessary phosphorus input reductions identified within the NARP. The Agency will modify the NPDES permit, if necessary.
- H. If the Permittee does not develop or assist in developing the NARP, and such a NARP is developed for the watershed, the Permittee will become subject to effluent limitations necessary to address the phosphorus related impairments. The Agency shall calculate these effluent limits by using the NARP and any applicable data. If no NARP has been developed, the effluent limits shall be determined for the Permittee on a case-by-case basis, so as to ensure that the Permittee's discharge will not cause or contribute to violations of the dissolved oxygen or narrative water quality standards.

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SPECIAL CONDITION 26. Frankfort (IL0072192) timely filed a Time-Limited Water Quality Standard (TLWQS) for chloride (Case # PCB 2019-029 (Consolidated 2016-014)) and is participating in the chloride workgroup for the Lower Des Plaines River dischargers. Since they timely filed, the chloride water quality standard is stayed. Frankfort must continue to participate in the workgroup and must comply with the Board Order resulting from the TLWQS (Case # PCB 2016-014).

SPECIAL CONDITION 27. This Permit may be modified to include alternative or additional final effluent limitations pursuant to an approved Total Maximum Daily Load (TMDL) Study, an approved Nutrient Assessment Reduction Plan, or an approved trading program.

Attachment H
Standard Conditions
Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended. 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

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

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least 3 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic intervals such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or for denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, or auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.
- (9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:
 - (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records

- must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
 - (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.
- (10) **Monitoring and records.**
- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
 - (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
 - (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.
- (11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.
- (a) **Application.** All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
 - (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a); and
 - (2) The authorization specifies either an individual or a position responsible for the overall operation of the facility, from which the discharge originates, such as a plant manager, superintendent or person of equivalent responsibility; and
 - (3) The written authorization is submitted to the Agency.
 - (c) **Changes of Authorization.** If an authorization under (b)
- is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

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.
- (12) **Reporting requirements.**
- (a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required when:
 - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b); or
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
 - (3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
 - (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
 - (c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
 - (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
 - (e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
 - (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).
 - (2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - (3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

- (f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:
- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit.
 - (2) Any upset which exceeds any effluent limitation in the permit.
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.
The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.
- (g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).
- (h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.
- (13) **Bypass.**
- (a) **Definitions.**
 - (1) Bypass means the intentional diversion of waste streams from any portion of a treatment 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) **Bypass not exceeding limitations.** The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).
 - (c) **Notice.**
 - (1) **Anticipated bypass.** If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
 - (2) **Unanticipated bypass.** The permittee shall submit notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).
 - (d) **Prohibition of bypass.**
 - (1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass, unless:
 - (i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (ii) 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
 - (iii) The permittee submitted notices as required under paragraph (13)(c).
 - (2) The Agency may approve an anticipated bypass, after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).
- (14) **Upset.**
- (a) **Definition.** Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
 - (b) **Effect of an upset.** An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
 - (c) **Conditions necessary for a demonstration of upset.** A permittee 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 that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated; and
 - (3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).
 - (4) The permittee complied with any remedial measures required under paragraph (4).
 - (d) **Burden of proof.** In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.
- (15) **Transfer of permits.** Permits may be transferred by modification or automatic transfer as described below:
- (a) **Transfers by modification.** Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

- (b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:
- (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
 - (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
 - (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (1) One hundred micrograms per liter (100 ug/l);
 - (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
 - (4) The level established by the Agency in this permit.
 - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
- (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
 - (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
 - (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
- (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
 - (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
 - (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and that effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.
- (20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.
- (21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA, or required to be maintained under this permit.
- (22) The Clean Water Act provides that any person who violates a permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both. Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).
- (23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both.
- (24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.
- (25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.
- (26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.
- (27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code, Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.
- (28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.

EXHIBIT 2

Exhibit 2
Village of Frankfort Regional WWTP
NPDES Permit No. IL0072192
Hickory Creek Segment GG-06

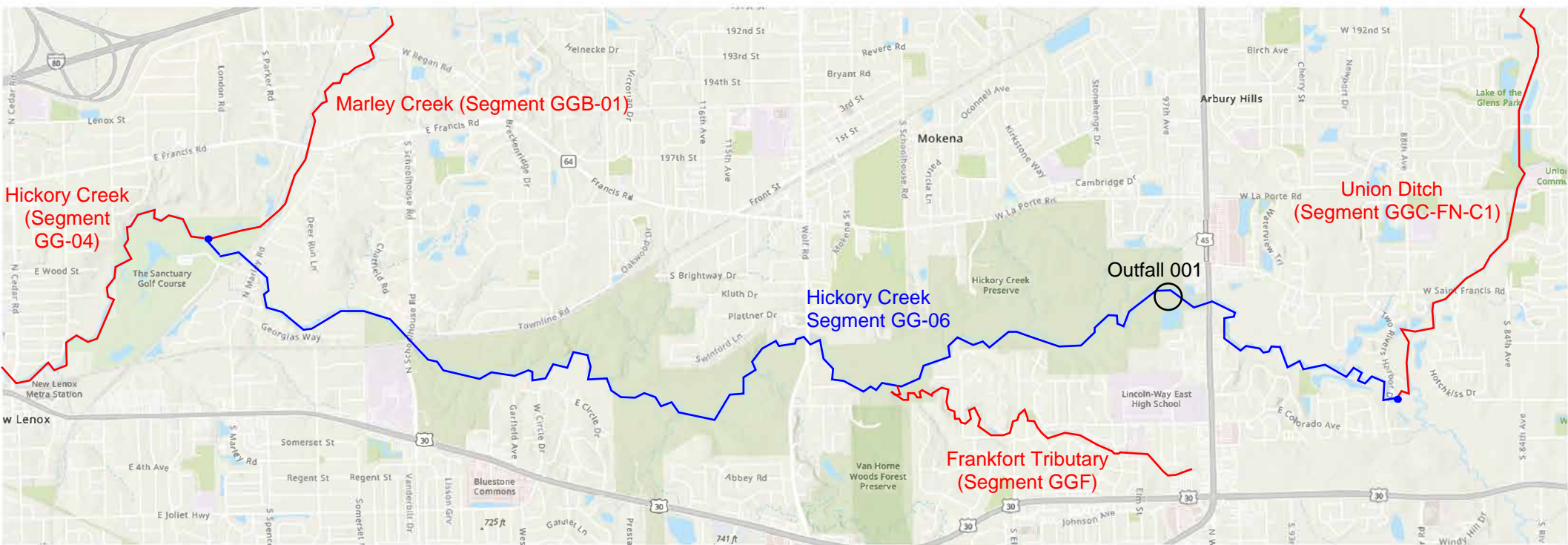


EXHIBIT 3

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**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Federal Clean Water Act, as amended, [33 U.S.C. §§1251 et seq. (the "CWA")], and the Massachusetts Clean Waters Act, as amended, (M.G.L. Chap. 21, §§26-53),

Springfield Water and Sewer Commission

are authorized to discharge from a facility located at:

**Springfield Regional Waste Water Treatment Facility
Route 5 Bondi Island
Agawam, MA 01001**

And

Combined Sewer Overflow (CSO) discharges at 24 locations

to receiving waters named: **Connecticut River Segment MA 34-05 (Waste Water Treatment Facility Outfall # 001 and CSO outfalls # 007, 008, 010, 011, 012, 013, 014, 015A, 015B, 016, 018, 042 and 049), Chicopee River Segment MA36-25 (CSO outfalls # 034, 035, 036A, and 037) and Mill River Segment MA34-29 (CSO outfalls # 017, 019, 024, 025, 045, 046, and 048)**

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

The Towns of Agawam, East Longmeadow, Longmeadow, Ludlow, West Springfield and Wilbraham are co-permittees for Part C, Unauthorized Discharges; Part D., Operation and Maintenance, which include conditions regarding the operation and maintenance of the collection systems owned and operated by the Towns; and Part E., Alternate Power Source.

Operation and maintenance of the sewer system shall be in compliance with the General Requirements of Part II and the terms and conditions of Part C, Part D. and Part E of this permit. The permittee and each co-permittee are severally liable under Part C, Part D and Part E for their own activities and required reporting with respect to the portions of the collection system that they own or operate. They are not liable for violations of Part C, Part D and Part E committed by others relative to the portions of the collection system owned and operated by others. Nor are they responsible for any reporting that is required of other permittees under Part C, Part D and Part E. The responsible Town departments are:

<p>Town of Agawam Department of Public Works 1000 Suffield St Agawam, MA 01001</p>	<p>Town of East Longmeadow Department of Public Works 60 Center Square, 2nd Floor East Longmeadow, MA 01028</p>	<p>Town of Longmeadow Department of Public Works 31 Pondsides Road Longmeadow, MA 01106</p>
<p>Town of Ludlow Department of Public Works 198 Sportsmans Road Ludlow, MA 01056</p>	<p>Town of West Springfield Department of Public Works 26 Central Street, Suite 17 West Springfield, MA 01089</p>	<p>Town of Wilbraham Department of Public Works 240 Springfield St. Wilbraham, MA 01095</p>

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This permit will become effective on the first day of the calendar month immediately following sixty days after signature.

* This permit and the authorization to discharge will expire at midnight, five (5) years from the last day of the month preceding the effective date.

This permit supersedes the permit signed on December 8, 2000.

This permit consists of 24 pages in Part I including effluent limitations and monitoring requirements, **Attachment A (Freshwater Acute Toxicity Test Procedure and Protocol, February 2011)**, **Attachment B (Freshwater Chronic Toxicity Test Procedure and Protocol, April 2013)**, **Attachment C (Reassessment of Technically Based Industrial Discharge Limits)**, **Attachment D (NPDES Permit Requirement for Industrial Pretreatment Annual Report)**, and **Part II** (25 pages including NPDES Part II Standard Conditions).

Signed this day of

Lynne A. Hamjian, Acting Director
Office of Ecosystem Protection
Environmental Protection Agency
Boston, MA

Lealdon Langley, Director
Massachusetts Wetlands and Wastewater Programs
Department of Environmental Protection
Commonwealth of Massachusetts
Boston, MA

* Pursuant to 40 CFR 124.15(b)(3), if no comments requesting a change to the draft permit are received, the permit will become effective upon the date of signature.

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PART I

A.1. During the period beginning the effective date and lasting through expiration, the permittee is authorized to discharge treated effluent from outfall serial number **001** to the Connecticut River. Such discharges shall be limited and monitored by the permittee as specified below. A bypass of secondary treatment is allowed when wet weather influent flow exceeds the wet weather capacity of the secondary treatment.

Effluent Characteristic	Units	Discharge Limitation			Monitoring Requirement ^{*4}	
		Average Monthly	Average Weekly	Maximum Daily	Measurement Frequency	Sample Type
Effluent Flow ^{*2, *3}	MGD	67	—	Report	Continuous	Recorder
BOD ₅ ^{*5}	mg/l lbs/day	30 16763	45 25145	Report Report	1/Day 1/Day	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
TSS ^{*5}	mg/l lbs/day	30 16,763	45 25,145	Report Report	1/Day 1/Day	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
pH Range ^{*1}	Standard Units	6.5 – 8.3 (See Permit Part I.A.1.b.)			1/Day	Grab
<i>Escherichia coli</i> ^{*1, *7} (April 1 - October 31)	cfu/100 ml	126	—	409	5/Week	Grab
Total Residual Chlorine ^{*1, *8}	mg/l	0.26	—	0.46	5/Week	Grab

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Part I.A.1. (Continued)

Effluent Characteristic Parameter	Units	Discharge Limitation			Monitoring Requirement ⁴	
		Average Monthly	Average Weekly	Maximum Daily	Measurement Frequency	Sample Type
Ammonia Nitrogen, Total	mg/l lbs/day	Report Report	— —	Report Report	1/Week 1/Week	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
Nitrogen, Total ^{*9}	mg/l lbs/day	Report Report	— —	Report —	1/Week 1/Week	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
Nitrite+Nitrate, Total	mg/l lbs/day	Report Report	— —	Report —	1/Week 1/Week	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
Kjeldahl Nitrogen, Total	mg/l lbs/day	Report Report	— —	Report —	1/Week 1/Week	24-Hour Composite ^{*6} 24-Hour Composite ^{*6}
Whole Effluent Toxicity ^{*10, *11, *12, *13}	%	Acute	LC ₅₀	≥ 100%	4/Year	24-Hour Composite ^{*6}
Hardness ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Ammonia Nitrogen as N ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Aluminum ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Cadmium ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Copper ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Nickel ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Lead ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}
Total Recoverable Zinc ^{*13}	mg/l	Report			4/Year	24-Hour Composite ^{*6}

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Footnotes:

- *1. Required for State Certification.
- *2. Report annual average, monthly average, and the maximum daily flow. The limit is an annual average, which shall be reported as a rolling average. The value will be calculated as the arithmetic mean of the monthly average flow for the reporting month and the monthly average flows of the previous eleven months.
- *3. The following information shall be reported and submitted as an attachment to the monthly DMRs for each day there was a bypass of secondary treatment: date and time of initiation, total influent flow at time of initiation, date and time of termination, total influent flow at time of termination, total duration of flow, and total volume of flow. A bypass of secondary treatment also is subject to the requirements of Part II.B.4.c. and Part II.D.1.e. of this permit.

Flows shall be measured using a meter.

The permittee shall not accept septage during any calendar day in which a bypass of secondary treatment is anticipated.

Monitoring Location	Date and Time of Initiation of Flow	Influent Flow at Time of Initiation (MGD)	Date and Time of Termination of Flow	Influent Flow at Time of Termination (MGD)	Total Duration of Flow (Hours)	Total Volume of Flow (MGD)
Secondary Bypass ^a						

^aFlows shall be measured using a meter.

- *4. All required effluent samples shall be collected at a representative point following treatment and the comingling of secondary effluent with flows which bypass secondary treatment. Bacteria and TRC samples shall be collected after exiting the chlorine contact chamber.

A routine sampling program shall be developed in which samples are taken at the same location, same time and same days of the week each month. Occasional deviations from the routine sampling program are allowed, but the reason for the deviation shall be documented in correspondence appended to the applicable discharge monitoring report. Any changes to the routine sampling program must be reviewed and approved in writing by EPA and MassDEP.

All samples shall be tested using the analytical methods found in 40 CFR § 136, or alternative methods approved by EPA in accordance with the procedures in 40 CFR § 136.

- *5. Sampling is required for influent and effluent.

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- *6. A 24-hour composite sample will consist of at least twenty-four (24) grab samples taken during one consecutive 24 hour period, either collected at equal intervals and combined proportional to flow or continuously collected proportionally to flow.
- *7. The monthly average limit for *Escherichia coli* (*E. coli*) is expressed as a geometric mean. *E. coli* monitoring shall be conducted concurrently with a total residual chlorine sample.
- *8. Total residual chlorine monitoring is required whenever chlorine is added to the treatment process (i.e. TRC sampling is not required if chlorine is not added for disinfection or other purpose). The limitations are in effect year-round. For months when chlorine is not added to the treatment system a no data indicator (NODI) of C shall be reported on the monthly discharge monitoring report.

The minimum level (ML) for total residual chlorine is defined as 20 ug/l. This value is the minimum level for chlorine using EPA approved methods found in the most currently approved version of Standard Methods for the Examination of Water and Wastewater, Method 4500 CL-E and G. One of these methods must be used to determine total residual chlorine. For effluent limitations less than 20 ug/l, the compliance level will be the ML. Sampling results less than the detection limit shall be reported as “≤ [detection limit]” on the Discharge Monitoring Report.

Chlorination and dechlorination systems shall include an alarm system for indicating system interruptions or malfunctions. Any interruption or malfunction of the chlorine dosing system that may have resulted in levels of chlorine that were inadequate for achieving effective disinfection, or interruptions or malfunctions of the dechlorination system that may have resulted in excessive levels of chlorine in the final effluent shall be reported with the monthly DMRs. The report shall include the date and time of the interruption or malfunction, the nature of the problem, and the estimated amount of time that the reduced levels of chlorine or dechlorination chemicals occurred.

- *9. See Part 1.H. SPECIAL CONDITIONS for requirements regarding optimization and reporting for nitrogen removal.
- *10. The permittee shall conduct acute toxicity tests four times per year. The permittee shall test the daphnid, *Ceriodaphnia dubia*, only. Toxicity test samples shall be collected during the same week each time during the months of March, June, September and December. The test results shall be submitted by the last day of the month following the completion of the test. The results are due April 30th, July 31st, October 31st, and January 31st, respectively. The tests must be performed in accordance with test procedures and protocols specified in **Attachments A and B** of this permit.

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Test Dates during the month of:	Submit Results By:	Test Species	Acute Limit LC ₅₀	Chronic Limit C-NOEC
March June September December	April 30 July 31 October 31 January 31	<i>Ceriodaphnia dubia</i> (Daphnid)	≥ 100%	Report

- *11. The LC₅₀ is the concentration of effluent which causes mortality to 50% of the test organisms. Therefore, a 100% limit means that a sample of 100% effluent (no dilution) shall cause no more than a 50% mortality rate.
- *12. If toxicity test(s) using receiving water as diluent show the receiving water to be toxic or unreliable, the permittee shall follow procedures outlined in **Attachments A and B, Section IV., DILUTION WATER**, in order to obtain permission to use an alternate dilution water. In lieu of individual approvals for alternate dilution water required in **Attachments A and B**, EPA-New England has developed a Self-Implementing Alternative Dilution Water Guidance document (called “Guidance Document”) which may be used to obtain automatic approval of an alternate dilution water, including the appropriate species for use with that water. This guidance is found in Attachment G of the NPDES Program Instructions for the Discharge Monitoring Report Forms (DMRs) which is sent to all permittees with their annual set of DMRs and may also be found on the EPA, Region I web site at <http://www.epa.gov/region01/enforcementandassistance/dmr.html>. If this guidance is revoked, the permittee shall revert to obtaining individual approval as outlined in **Attachments A and B**. Any modification or revocation to this guidance shall be transmitted to the permittees as part of the annual DMR instruction package. However, at any time, the permittee may choose to contact EPA-New England directly using the approach outlined in **Attachments A and B**. If the permittee uses an alternative dilution water, the ambient water will still need to be tested.
- *13. For each whole effluent toxicity test the permittee shall report on the appropriate discharge monitoring report, (DMR), the concentrations of the hardness, ammonia nitrogen as nitrogen, total recoverable aluminum, cadmium, copper, lead, nickel, and zinc found in the 100 percent effluent sample. All these aforementioned chemical parameters shall be determined to at least the minimum quantification level shown in **Attachments A and B**. Also the permittee should note that all chemical parameter results must still be reported in the appropriate toxicity report.

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Part I.A.1. (Continued)

- a. The discharge shall not cause a violation of the water quality standards of the receiving waters.
- b. The pH of the effluent shall not be less than 6.5 nor greater than 8.3 Standard Units (S.U.) at any time.
- c. The discharge shall not cause objectionable discoloration of the receiving waters.
- d. The effluent shall not contain a visible oil sheen, foam, or floating solids at any time.
- e. The permittee's treatment facility will maintain a minimum of 85 percent removal of both total suspended solids and biochemical oxygen demand during dry weather. Dry weather is defined as any calendar day on which there is less than 0.1 inch of rain and no snow melt. The percent removal shall be calculated as a monthly average using the influent and effluent BOD₅ and TSS values collected during dry weather days.
- f. The permittee shall minimize the use of chlorine while maintaining adequate bacterial control.
- g. The results of sampling for any parameter analyzed in accordance with EPA approved methods above its required frequency must also be reported.
- h. If the average annual flow in any calendar year exceeds 80 percent of the facility's design flow [80% x 67 MGD= 54 MGD], the permittee shall submit a report to MassDEP by **April 30** of the following calendar year describing its plans for further flow increases and describing how it will maintain compliance with the effluent flow limit and all other effluent limitations and conditions.

2. All POTWs must provide adequate notice to the Director of the following:

- a. Any new introduction of pollutants into that POTW from an indirect discharger which would be subject to section 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
- b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
- c. For purposes of this paragraph, adequate notice will include information on:
 - (1) the quantity and quality of effluent introduced into the POTW; and
 - (2) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

3. Prohibitions Concerning Interference and Pass Through:

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- a. Pollutants introduced into POTW's by a non-domestic source (user) will not pass through the POTW or interfere with the operation or performance of the works.

4. Toxics Control

- a. The permittee will not discharge any pollutant or combination of pollutants in toxic amounts.
- b. Any toxic components of the effluent will not result in any demonstrable harm to aquatic life or violate any state or federal water quality standard which has been or may be promulgated. Upon promulgation of any such standard, this permit may be revised or amended in accordance with such standards.

5. Numerical Effluent Limitations for Toxicants

- a. EPA or MassDEP may use the results of the toxicity tests and chemical analyses conducted pursuant to this permit, as well as national water quality criteria developed pursuant to Section 304(a)(1) of the Clean Water Act (CWA), state water quality criteria, and any other appropriate information or data, to develop numerical effluent limitations for any pollutants, including but not limited to those pollutants listed in Appendix D of 40 CFR Part 122.

B. COMBINED SEWER OVERFLOWS (CSOs)

1. Effluent Limitations

During wet weather, the permittee is authorized to discharge storm water/wastewater from the CSO outfalls listed below:

Outfall No.	Location	Latitude	Longitude
To Connecticut River			
007	Rowland St.	42° 12'	72° 62'
008	Washburn St. 4	42° 11'	72° 62'
010	Clinton St.	42° 10'	72° 60'
011	Liberty St.	42° 10'	72° 59'
012	Worthington St.	42° 10'	72° 59'
013	Bridge St.	42° 10'	72° 59'
014	Elm St.	42° 10'	72° 59'
015A	Union St.	42° 10'	72° 59'
015B	Union St.	42° 10'	72° 59'
016	York St.	42° 09'	72° 59'
018	Longhill St.	42° 06'	72° 58'
049	Springfield St.	42° 10'	72° 62'
042	Bondi Island		
To Chicopee River			
034	Main St.	42° 16'	72° 51'

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035	Front & Oak Sts.	42° 16' 72° 50'
036A	Pinevale & Water Sts.	42° 16' 72° 50'
037	Cedar St. 4	42° 16' 72° 50'
To Mill River		
017	Fort Pleasant (Blake Hill)	42° 09' 72° 58'
019	Mill, Orange, & Locust Sts.	42° 09' 72° 57'
024	Rifle & Central Sts.	42° 10' 72° 56'
025	Allen & Oakland Sts.	42° 10' 72° 56'
045	Fort Pleasant Ave.	42° 06' 72° 58'
046	Belmont St.	42° 06' 72° 58'
048	Allen & Rifle Sts.	42° 10' 72° 56'

2. The effluent discharged from these CSOs is subject to the following limitations:
- a. The discharges shall receive treatment at a level providing Best Practicable Control Technology Currently Available (BPT), Best Conventional Pollutant Control Technology (BCT) to control and abate conventional pollutants and Best Available Technology Economically Achievable (BAT) to control and abate non-conventional and toxic pollutants. The EPA has made a Best Professional Judgment (BPJ) determination that BPT, BCT, and BAT for combined sewer overflow (CSO) control includes the implementation of Nine Minimum Controls (NMC) specified below. These Nine Minimum Controls and the Nine Minimum Controls Minimum Implementation Levels which are detailed further in Part I.B.3. are requirements of this permit.
 - (1) Proper operation and regular maintenance programs for the sewer system and the combined sewer overflows;
 - (2) Maximum use of the collection system for storage;
 - (3) Review and modification of the pretreatment program to assure CSO impacts are minimized;
 - (4) Maximization of flow to the POTW for treatment;
 - (5) Prohibition of dry weather overflows from CSOs;
 - (6) Control of solid and floatable materials in CSOs;
 - (7) Pollution prevention programs that focus on contaminant reduction activities;
 - (8) Public notification to ensure that the public receives adequate notification of CSO occurrences and impacts;
 - (9) Monitoring to effectively characterize CSO impacts and the efficacy of CSO controls.

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- b. The discharges shall not cause or contribute to violations of federal or state Water Quality Standards.

3. Nine Minimum Controls Minimum Implementation Levels

- a. The permittee must implement the nine minimum controls in accordance with the documentation provided to EPA and MassDEP or as subsequently modified to enhance the effectiveness of the controls. This implementation must include the following controls plus other controls the permittee can reasonably undertake as set forth in the documentation.
- b. Each CSO structure/regulator, pumping station and/or tidegate shall be routinely inspected, at a minimum of once per month, to insure that they are in good working condition and adjusted to minimize combined sewer discharges (NMC # 1, 2 and 4). The following inspection results shall be recorded: the date and time of inspection, the general condition of the facility, and whether the facility is operating satisfactorily. If maintenance is necessary, the permittee shall record: the description of the necessary maintenance, the date the necessary maintenance was performed, and whether the observed problem was corrected. The permittee shall maintain all records of inspections for at least three years.

Annually, no later than April 30th, the permittee shall submit a certification to MassDEP and EPA which states that the previous calendar year's monthly inspections were conducted, results recorded, and records maintained.

MassDEP and EPA have the right to inspect any CSO related structure or outfall at any time without prior notification to the permittee.

- c. Discharges to the combined system of septage, holding tank wastes, or other material which may cause a visible oil sheen or containing floatable material are prohibited during wet weather when CSO discharges may be active (NMC # 3, 6, and 7).
- d. Dry weather overflows (DWOs) are prohibited (NMC # 5). All dry weather sanitary and/or industrial discharges from CSOs must be reported to EPA and MassDEP orally within 24 hours of the time the permittee becomes aware of the circumstances and a written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. See also Paragraph D.1.e of Part II of this permit.
- e. The permittee shall quantify and record all discharges from combined sewer outfalls (NMC # 9). Quantification shall be through direct measurement. The following information must be recorded for each combined sewer outfall for each discharge event, as set forth in Part I.B.4.:
- Duration (hours) of discharge;
 - Volume (gallons) of discharge;
 - National Weather Service precipitation data from the nearest gage where precipitation

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is available at daily (24-hour) intervals and the nearest gage where precipitation is available at one-hour intervals. Cumulative precipitation per discharge event shall be calculated.

The permittee shall maintain all records of discharges for at least six years after the effective date of this permit.

- f. The permittee shall install and maintain identification signs for all combined sewer outfall structures (NMC # 8). The signs must be located at or near the combined sewer outfall structures and easily readable by the public from the land and water. These signs shall be a minimum of 12 x 18 inches in size, with white lettering against a green background, and shall contain the following information:

SPRINGFIELD WATER AND SEWER COMMISSION
WET WEATHER
SEWAGE DISCHARGE
OUTFALL (discharge serial number)

Where easements over property not owned by the permittee must be obtained to meet this requirement, the permittee shall identify the appropriate landowners and obtain the necessary easements, to the extent practicable.

The permittee, to the extent feasible, shall place additional signs in Spanish or add a universal wet weather sewage discharge symbol to existing signs.

- g. Within 90 days of the effective date of the permit, the permittee shall submit to EPA and MassDEP a public notification plan (NMC #8). As part of this plan, notification shall be provided electronically to any interested party, and a posting made on the permittee's website, of a probable CSO activation within one 24 hours of the initiation of any CSO discharge(s). Subsequently, within 24 hours of the termination of any CSO discharges(s), the permittee shall provide the following information on their website and in a follow-up electronic communication to any interested party:

CSO number and location
Confirmation of CSO discharge
Total volume discharged from the CSO
Date, start time and stop time of the CSO discharge

This notification procedure and the public notification plan shall be implemented no later than 180 days following the effective date of the permit.

4. Nine Minimum Controls Reporting Requirement

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Annually, no later than April 30th, the permittee shall submit a report summarizing activities during the previous calendar year relating to compliance with the nine minimum controls including the required information on the number of activations for each CSO as well as the volume of each discharge from each CSO.

5. Combined Sewer Outfalls

For each combined sewer outfall (CSO outfalls #007, 008, 010, 011, 012, 013, 014, 015A, 015B, 016, 018, 042, 049, 034, 035, 036A, 037 017, 019, 024, 025, 045, 046, and 048), the permittee must monitor and report the following information in each monthly DMR.

Parameters	Reporting Requirements	Monitoring Requirements	
	Total Monthly	Measurement Frequency	Sample Type
Total Flow	Report Gallons	Daily, when discharging	Continuous
Total Flow Duration (Duration of flow through CSO)	Report Hours	Daily, when discharging	Continuous
Number of CSO Discharge Events	Report Monthly Count	Daily, when discharging	Count

- a. For Total Flow, measure the total flow discharged from each CSO outfall during the month. For Total Flow Duration provide the total duration (hours) of discharges for each CSO outfall during the month.
- b. For those months when a CSO discharge does not occur, the permittee must still complete the monthly DMR with the appropriate no discharge (NODI) code for each outfall.

C. UNAUTHORIZED DISCHARGES

The permittee and co-permittees are authorized to discharge only in accordance with the terms and conditions of this permit and only from the outfalls listed in Part I.A.1. and Part I.B.1 of this permit. Discharges of wastewater from any other point sources, including sanitary sewer overflows (SSOs) are not authorized by this permit and shall be reported in accordance with Part II.D.1.e. (1) of the General Requirements of this permit (Twenty-four-hour reporting).

Notification of SSOs to MassDEP shall be made on its SSO Reporting Form (which includes MassDEP

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Regional Office telephone numbers). The reporting form and instructions for its completion may be found online at <http://www.mass.gov/eea/agencies/massdep/service/approvals/sanitary-sewer-overflow-bypass-backup-notification.html>.

D. OPERATION AND MAINTENANCE OF THE SEWER SYSTEM

Operation and maintenance of the collection system owned and operated respectively by the Towns of Agawam, East Longmeadow, Longmeadow, Ludlow, West Springfield and Wilbraham shall be in compliance with the General Requirements of Part II and the terms and conditions of Part C, Part D and Part E of this permit. Each of the Towns of Agawam, East Longmeadow, Longmeadow, Ludlow, West Springfield and Wilbraham shall only be responsible under Part II, Part C, Part D and Part E of this permit for only its own infrastructure, activities and required reporting with respect to the portions of the collection system that each owns or operates.

Operation and maintenance of that portion of the collection system and the entirety of the treatment system owned and operated by the Springfield Water and Sewer Commission shall be in compliance with the terms and conditions of Part C, Part D and Part E of this permit and the General Requirements of Part II. The Springfield Water and Sewer Commission shall only be responsible under Part C, Part D and Part E of this permit and the General Requirements of Part II for its own infrastructure, activities and required reporting with respect to the portion of the collection and treatment system that it owns or operates. No Permittee shall be responsible for violations of Part C, Part D and Part E of this permit and/or the General Requirements of Part II committed by another Permittee relative to the portions of the collection system owned and operated by such other Permittee. In the event of any conflict between the above provisions and any other term or provision of this Permit, the above provisions shall control. The permittee and each co-permittee are required to complete the following activities for the respective portions of the collection system which they operate:

1. Maintenance Staff

The permittee and co-permittees shall each provide an adequate staff to carry out the operation, maintenance, repair, and testing functions required to ensure compliance with the terms and conditions of this permit. Provisions to meet this requirement will be described in the Collection System O & M Plan required pursuant to Section D.5. below.

2. Preventative Maintenance Program

The permittee and co-permittees shall each will maintain an ongoing preventative maintenance program to prevent overflows and bypasses caused by malfunctions or failures of the sewer system infrastructure. The program will include an inspection program designed to identify all potential and actual unauthorized discharges. Plans and programs to meet this requirement will be described in the Collection System O & M Plan required pursuant to Section D.5. below.

3. Infiltration/Inflow:

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The permittee and co-permittees shall each control infiltration and inflow (I/I) into the sewer system as necessary to prevent high flow related unauthorized discharges from their collection systems and high flow related violations of the wastewater treatment plant's effluent limitations. Plans and programs to control I/I shall be described in the Collection System O & M Plan required pursuant to Section D.5. below.

4. Collection System Mapping

Within 30 months of the effective date of this permit, the permittee and co-permittees shall each prepare a map of each sewer collection system it owns (see page 1 of this permit for the effective date). The map shall be on a street map of the community, with sufficient detail and at a scale to allow easy interpretation. The collection system information shown on the map shall be based on current conditions and shall be kept up to date and available for review by federal, state, or local agencies. Such map(s) shall include, but not be limited to the following:

- a. All sanitary sewer lines and related manholes;
- b. All combined sewer lines, related manholes, and catch basins;
- c. All combined sewer regulators and any known or suspected connections between the sanitary sewer and storm drain systems (e.g. combination manholes);
- d. All outfalls, including the treatment plant outfall(s), CSOs, and any known or suspected SSOs, including stormwater outfalls that are connected to combination manholes;
- e. All pump stations and force mains;
- f. The wastewater treatment facility(ies);
- g. All surface waters (labeled);
- h. Other major appurtenances such as inverted siphons and air release valves;
- i. A numbering system which uniquely identifies manholes, catch basins, overflow points, regulators and outfalls;
- j. The scale and a north arrow; and
- k. The pipe diameter, date of installation, type of material, distance between manholes, interconnections with collection systems owned by other entities, and the direction of flow.

5. Collection System Operation and Maintenance Plan

The permittee and co-permittees shall each develop and implement a Collection System Operation and Maintenance Plan.

- a. **Within six (6) months of the effective date of the permit**, the permittee and co-permittees shall each submit to EPA and MassDEP
 - (1) A description of the collection system management goal, staffing, information management, and legal authorities;
 - (2) A description of the collection system and the overall condition of the collection system including a list of all pump stations and a description of all recent studies and construction activities; and

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- (3) A schedule for the development and implementation of the full Collection System O & M Plan including the elements in paragraphs b.1. through b.8. below.
- b. The full Collection System O & M Plan shall be completed, implemented, and submitted to EPA and MassDEP **within twenty-four (24) months from the effective date of the permit.** The Plan shall include:
- (1) The required submittal from paragraph 5.a. above, update to reflect current information;
 - (2) A preventative maintenance and monitoring program for the collection system;
 - (3) Description of sufficient staffing necessary to properly operate and maintain the sanitary sewer collection system and how the operation and maintenance program is staffed;
 - (4) Description of funding, the source(s) of funding and provisions for funding sufficient for implementing the plan;
 - (5) Identification of known and suspected overflows and back-ups, including manholes. A description of the cause of the identified overflows and back-ups, corrective actions taken, and a plan for addressing the overflows and back-ups consistent with the requirements of this permit;
 - (6) A description of the permittee's programs for preventing I/I related effluent violations and all unauthorized discharges of wastewater, including overflows and by-passes and the ongoing program to identify and remove sources of I/I. The program shall include an inflow identification and control program that focuses on the disconnection and redirection of illegal sump pumps and roof down spouts;
 - (7) An educational public outreach program for all aspects of I/I control, particularly private inflow; and
 - (8) An Overflow Emergency Response Plan to protect public health from overflows and unanticipated bypasses or upsets that exceed any effluent limitation in the permit.

6. Annual Reporting Requirement

The permittee and co-permittees shall each submit a summary report of activities related to the implementation of its Collection System O & M Plan during the previous calendar year. The report shall be submitted to EPA and MassDEP **annually by April 30.** The summary report shall, at a minimum, include;

- a. A description of the staffing levels maintained during the year;
- b. A map and a description of inspection and maintenance activities conducted and corrective actions taken during the previous year;

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- c. Expenditures for any collection system maintenance activities and corrective actions taken during the previous year;
- d. A map with areas identified for investigation/action in the coming year;
- e. If treatment plant flow has reached 80% of its design flow [53.6 mgd] based on the annual average flow during the reporting year, or there have been capacity related overflows, submit a calculation of the maximum daily, weekly, and monthly infiltration and the maximum daily, weekly, and monthly inflow for the reporting year; and
- f. A summary of unauthorized discharges during the past year and their causes and a report of any corrective actions taken as a result of the unauthorized discharges reported pursuant to the Unauthorized Discharges section of this permit.

E. ALTERNATE POWER SOURCE

In order to maintain compliance with the terms and conditions of this permit, the permittee and co-permittee shall provide an alternate power source with which to sufficiently operate the wastewater facility, as defined at 40 C.F.R. § 122.2, which references the definition at 40 C.F.R. § 403.3(q).

F. SLUDGE CONDITIONS

- 1. The permittee shall comply with all existing federal and state laws and regulations that apply to sewage sludge use and disposal practices, including EPA regulations promulgated at 40 CFR §503, which prescribe “Standards for the Use or Disposal of Sewage Sludge” pursuant to Section 405(d) of the CWA, 33 U.S.C. §1345(d).
- 2. If both state and federal requirements apply to the permittee’s sludge use and/or disposal practices, the permittee shall comply with the more stringent of the applicable requirements.
- 3. The requirements and technical standards of 40 CFR §503 apply to the following sludge use or disposal practices.
 - a. Land application - the use of sewage sludge to condition or fertilize the soil
 - b. Surface disposal - the placement of sewage sludge in a sludge only landfill
 - c. Sewage sludge incineration - the placement of sewage sludge in a sludge only incinerator.
- 4. The requirements of 40 CFR §503 do not apply to facilities which dispose of sludge in a municipal solid waste landfill. 40 CFR §503.4. These requirements also do not apply to facilities which do not use or dispose of sewage sludge during the life of the permit but rather treat the sludge (e.g. lagoons, reed beds), or are otherwise excluded under 40 CFR §503.6.
- 5. The 40 CFR. Part 503 requirements including the following elements:

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- General requirements
- Pollutant limitations
- Operational Standards (pathogen reduction and vector attraction reduction requirements)
- Management practices
- Record keeping
- Monitoring
- Reporting

Which of the 40 CFR §503 requirements apply to the permittee will depend upon the use or disposal practice followed and upon the quality of material produced by a facility. The EPA Region 1 Guidance document, “EPA Region 1 - NPDES Permit Sludge Compliance Guidance” (November 4, 1999), may be used by the permittee to assist it in determining the applicable requirements.¹

6. The sludge shall be monitored for pollutant concentrations (all Part 503 methods), pathogen reduction (land application and surface disposal) at the following frequency. This frequency is based upon the volume of sewage sludge generated at the facility in dry metric tons per year.

less than 290	1/ year
290 to less than 1500	1 /quarter
1500 to less than 15000	6 /year
15000 +	1 /month

Sampling of the sewage sludge shall use the procedures detailed in 40 CFR §503.8.

7. Under 40 CFR §503.9(r), the permittee is a “person who prepares sewage sludge” because it “is ... the person who generates sewage sludge during the treatment of domestic sewage in a treatment works ...” If the permittee contracts with *another* “person who prepares sewage sludge” under 40 CFR §503.9(r) – i.e., with “a person who derives a material from sewage sludge” – for use or disposal of the sludge, then compliance with Part 503 requirements is the responsibility of the contractor engaged for that purpose. If the permittee does not engage a “person who prepares sewage sludge,” as defined in 40 CFR §503.9(r), for use or disposal, then the permittee remains responsible to ensure that the applicable requirements in Part 503 are met. 40 CFR §503.7. If the ultimate use or disposal method is land application, the permittee is responsible for providing the person receiving the sludge with notice and necessary information to comply with the requirements of 40 CFR Part 503 Subpart B.
8. The permittee shall submit an annual report containing the information specified in the 40 CFR Part 503 requirements (§503.18 (land application), §503.28 (surface disposal), or §503.48 (incineration)) by **February 19th** (*see also* “EPA Region 1 - NPDES Permit Sludge Compliance Guidance”). The permittee shall submit an annual report containing the information specified in the 40 CFR Part 503 requirements (§ 503.18 (land application), § 503.28 (surface disposal), or § 503.48 (incineration)) by **February 19** (*see also* “EPA Region 1 - NPDES Permit Sludge

¹ This guidance document is available upon request from EPA Region 1 and may also be found at:
<http://www.epa.gov/region1/npdes/permits/generic/sludgeguidance.pdf>

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Compliance Guidance”). Reports shall be submitted electronically using EPA’s Electronic Reporting tool (“NeT”) (see “Monitoring and Reporting” section below). If the permittee engages a contractor or contractors for sludge preparation and ultimate use or disposal, the annual report need contain only the following information:

- a. Name and address of contractor(s) responsible for sludge preparation, use or disposal
- b. Quantity of sludge (in dry metric tons) from the POTW that is transferred to the sludge contractor(s), and the method(s) by which the contractor will prepare and use or dispose of the sewage sludge.

G. INDUSTRIAL USERS AND PRETREATMENT PROGRAM

1. The permittee shall develop and enforce specific effluent limits (local limits) for Industrial User(s), and all other users, as appropriate, which together with appropriate changes in the POTW Treatment Plant's Facilities or operation, are necessary to ensure continued compliance with the POTW's NPDES permit or sludge use or disposal practices. Specific local limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond. Within 120 days of the effective date of this permit, the permittee shall prepare and submit a written technical evaluation to the EPA analyzing the need to revise local limits. As part of this evaluation, the permittee shall assess how the POTW performs with respect to influent and effluent of pollutants, water quality concerns, sludge quality, sludge processing concerns/inhibition, biomonitoring results, activated sludge inhibition, worker health and safety and collection system concerns. In preparing this evaluation, the permittee shall complete and submit the attached form (see **Attachment C – Reassessment of Technically Based Industrial Discharge Limits**) with the technical evaluation to assist in determining whether existing local limits need to be revised. Justifications and conclusions should be based on actual plant data if available and should be included in the report. Should the evaluation reveal the need to revise local limits, the permittee shall complete the revisions within 120 days of notification by EPA and submit the revisions to EPA for approval. The Permittee shall carry out the local limits revisions in accordance with EPA’s Local Limit Development Guidance (July 2004).
2. The permittee shall implement the Industrial Pretreatment Program in accordance with the legal authorities, policies, procedures, and financial provisions described in the permittee's approved Pretreatment Program, and the General Pretreatment Regulations, 40 CFR 403. At a minimum, the permittee must perform the following duties to properly implement the Industrial Pretreatment Program (IPP):
 - a. Carry out inspection, surveillance, and monitoring procedures which will determine independent of information supplied by the industrial user, whether the industrial user is in compliance with the Pretreatment Standards. At a minimum, all significant industrial users shall be sampled and inspected at the frequency established in the approved IPP but in no case less than once per year and maintain adequate records.
 - b. Issue or renew all necessary industrial user control mechanisms within 90 days of their expiration date or within 180 days after the industry has been determined to be a significant industrial user.

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- c. Obtain appropriate remedies for noncompliance by any industrial user with any pretreatment standard and/or requirement.
 - d. Maintain an adequate revenue structure for continued implementation of the Pretreatment Program.
3. The permittee shall provide the EPA and MassDEP with an annual report describing the permittee's pretreatment program activities for the twelve (12) month period ending 60 days prior to the due date in accordance with 403.12(i). The annual report shall be consistent with the format described in **Attachment D** (NPDES Permit Requirement for Industrial Pretreatment Annual Report) of this permit and shall be submitted no later than **March 31st** of each year.
 4. The permittee must obtain approval from EPA prior to making any significant changes to the industrial pretreatment program in accordance with 40 CFR 403.18(c).
 5. The permittee must assure that applicable National Categorical Pretreatment Standards are met by all categorical industrial users of the POTW. These standards are published in the Federal Regulations at 40 CFR 405 et. seq.
 6. The permittee must modify its pretreatment program, if necessary, to conform to all changes in the Federal Regulations that pertain to the implementation and enforcement of the industrial pretreatment program. The permittee must provide EPA, in writing, within 180 days of this permit's effective date proposed changes, if applicable, to the permittee's pretreatment program deemed necessary to assure conformity with current Federal Regulations. At a minimum, the permittee must address in its written submission the following areas: (1) Enforcement response plan; (2) revised sewer use ordinances; and (3) slug control evaluations. The permittee will implement these proposed changes pending EPA Region I's approval under 40 CFR 403.18. This submission is separate and distinct from any local limits analysis submission described in Part I.E.1.

H. SPECIAL CONDITIONS

1. Nitrogen
 - a. The Permittee shall continue to optimize the treatment facility operations relative to total nitrogen ("TN") removal through continued ammonia removal, maximization of solids retention time while maintaining compliance with BOD5 and TSS limits, and/or other operational changes designed to enhance the removal of nitrogen in order to maintain the annual average mass discharge of total nitrogen at less than the existing mass loading of 2,279 lbs/day.
 - b. The permittee shall submit an annual report to EPA and the MassDEP by **February 1st** of each year, that summarizes activities related to optimizing nitrogen removal efficiencies, documents the annual nitrogen discharge load from the facility, and tracks trends relative to the previous calendar year. If, in any year, the treatment facility discharges in excess of 2,279 lbs/day TN on an annual average basis, the annual report shall include a detailed explanation of the reasons why

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TN discharges have increased, including any changes in influent flows/loads and any operational changes. The report shall also include all supporting data.

- c. **Annually, no later than April 30th**, the permittee shall submit a report evaluating the impact of CSO abatement projects on nitrogen loads discharged from the WWTF. The report shall include a comparison of 2012-2016 conditions with conditions as of the date of the report with respect to the volume of sanitary sewage and of stormwater discharged through CSOs and through the WWTF. The report shall also include the expected change in volume and nitrogen load from the WWTF from sanitary sewage and stormwater flows in connection with CSO mitigation projects not included in the analysis of conditions as of the report date, but expected to be completed within the following five years.

I. MONITORING AND REPORTING

The monitoring program in the permit specifies sampling and analysis, which will provide continuous information on compliance and the reliability and effectiveness of the installed pollution abatement equipment. The approved analytical procedures found in 40 CFR Part 136 are required unless other procedures are explicitly required in the permit. The Permittee is obligated to monitor and report sampling results to EPA and the MassDEP within the time specified within the permit.

Unless otherwise specified in this permit, the permittee shall submit reports, requests, and information and provide notices in the manner described in this section.

The permittee may consolidate reporting information which are on similar reporting schedules, in order to reduce or eliminate redundancy.

1. Submittal of DMRs Using NetDMR

The permittee shall continue to submit its monthly monitoring data in discharge monitoring reports (DMRs) to EPA and MassDEP no later than the 15th day of the month electronically using NetDMR. When the permittee submits DMRs using NetDMR, it is not required to submit hard copies of DMRs to EPA or MassDEP.

2. Submittal of Reports as NetDMR Attachments

Unless otherwise specified in this permit, the permittee shall electronically submit all reports to EPA as NetDMR attachments rather than as hard copies. Permittees shall continue to send hard copies of reports other than DMRs to MassDEP until further notice from MassDEP. (See Part I.E.5. for more information on state reporting.) Because the due dates for reports described in this permit may not coincide with the due date for submitting DMRs (which is no later than the 15th day of the month), a report submitted electronically as a NetDMR attachment shall be considered timely if it is electronically submitted to EPA using NetDMR.

3. Submittal of Pre-treatment Related Reports

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All reports and information required of the permittee in the Industrial Users and Pretreatment Program section of this permit shall be submitted to the Office of Ecosystem Protection's Pretreatment Coordinator in Region 1 EPA's Office of Ecosystem Protection (OEP). These requests, reports and notices include:

- A. Annual Pretreatment Reports,
- B. Pretreatment Reports Reassessment of Technically Based Industrial Discharge Limits Form,
- C. Revisions to Industrial Discharge Limits,
- D. Report describing Pretreatment Program activities, and
- E. Proposed changes to a Pretreatment Program

This information shall be submitted to EPA/OEP as a hard copy at the following address:

**U.S. Environmental Protection Agency
Office of Ecosystem Protection
Regional Pretreatment Coordinator
5 Post Office Square - Suite 100 (OEP06-03)
Boston, MA 02109-3912**

4. Submittal of Biosolids/Sewage Sludge Reports

By **February 19** of each year, the permittee must electronically report their annual Biosolids/Sewage Sludge Report for the previous calendar year using EPA's NPDES Electronic Reporting Tool found on the internet at <https://www.epa.gov/compliance/npdes-ereporting>.

5. Submittal of Requests and Reports to EPA/OEP

The following requests, reports, and information described in this permit shall be submitted to the EPA/OEP NPDES Applications Coordinator in the EPA Office Ecosystem Protection (OEP).

- A. Transfer of Permit notice
- B. Request for changes in sampling location
- C. Request for reduction in testing frequency
- D. Request for reduction in WET testing requirement
- E. Report on unacceptable WET dilution water / request for alternative dilution water.

These reports, information, and requests shall be submitted to EPA/OEP electronically at R1NPDESNotices.OEP@epa.gov or by hard copy mail to the following address:

**U.S. Environmental Protection Agency
Office of Ecosystem Protection
EPA/OEP NPDES Applications Coordinator
5 Post Office Square – Suite 100 (OEP06-03)
Boston, MA 02109-3912**

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6. Submittal of Reports in Hard Copy Form

The following notifications and reports shall be submitted as hard copy with a cover letter describing the submission. These reports shall be signed and dated originals submitted to EPA.

- A. Written notifications required under Part II
- B. Notice of unauthorized discharges, including Sanitary Sewer Overflow (SSO) reporting
- C. CSO Public Notification Plan
- D. Collection System Operation and Maintenance Plan
- E. Report on annual activities related to O&M Plan

This information shall be submitted to EPA/OES at the following address:

**U.S. Environmental Protection Agency
Office of Environmental Stewardship (OES)
Water Technical Unit
5 Post Office Square, Suite 100 (OES04-SMR)
Boston, MA 02109-3912**

7. State Reporting

Unless otherwise specified in this permit, duplicate signed copies of all reports, information, requests or notifications described in this permit, including the reports, information, requests or notifications described in Parts I.F.3., I.F.4. and I.F.5. also shall be submitted to the State at the following addresses:

**MassDEP – Western Region
Bureau of Water Resources
436 Dwight Street, Suite 402
Springfield, MA 01103**

Copies of toxicity tests and nitrogen optimization reports only shall be submitted to:

**Massachusetts Department of Environmental Protection
Watershed Planning Program
8 New Bond Street
Worcester, MA 01606**

6. Verbal Reports and Verbal Notifications

Any verbal reports or verbal notifications, if required in Parts I and/or II of this permit, shall be made to both EPA and to MassDEP. This includes verbal reports and notifications which require reporting

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within 24 hours. (As examples, see Part II.B.4.c. (2), Part II.B.5.c. (3), and Part II.D.1.e.) Verbal reports and verbal notifications shall be made:

EPA's Office of Environmental Stewardship: 617-918-1510

and to

MassDEP's Emergency Response: 888-304-1133.

J. STATE PERMIT CONDITIONS

1. This authorization to discharge includes two separate and independent permit authorizations. The two permit authorizations are: (i) a federal National Pollutant Discharge Elimination System permit issued by the U.S. Environmental Protection Agency (EPA) pursuant to the Federal Clean Water Act, 33 U.S.C. §§1251 et seq.; and (ii) an identical state surface water discharge permit issued by the Commissioner of the Massachusetts Department of Environmental Protection (MassDEP) pursuant to the Massachusetts Clean Waters Act, M.G.L. c. 21, §§26-53, and 314 CMR 3.00. All of the requirements contained in this authorization, as well as the standard conditions contained in 314 CMR 3.19, are hereby incorporated by reference into this state surface water discharge permit.
2. This authorization also incorporates the state water quality certification issued by MassDEP under §401(a) of the Federal Clean Water Act, 40 CFR 124.53, M.G.L.c.21, §27 and 314 CMR 3.07. All of the requirements (if any) contained in MassDEP's water quality certification for the permit are hereby incorporated by reference into this state surface water discharge permit as special conditions pursuant to 314 CMR 3.11.
3. Each Agency will have the independent right to enforce the terms and conditions of this permit. Any modification, suspension or revocation of this permit will be effective only with respect to the Agency taking such action, and will not affect the validity or status of this permit as issued by the other Agency, unless and until each Agency has concurred in writing with such modification, suspension or revocation. In the event any portion of this permit is declared, invalid, illegal or otherwise issued in violation of State law such permit will remain in full force and effect under Federal law as an NPDES permit issued by the U.S. Environmental Protection Agency. In the event this permit is declared invalid, illegal or otherwise issued in violation of Federal law, this permit will remain in full force and effect under State law as a permit issued by the Commonwealth of Massachusetts.



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water
Project Name: CORROSION CONTRL GRP

Report Date: August 24, 2023
Workorder: 2308819

Client Sample ID: TP03
Lab ID: 2308819-001

Date Received: 08/08/2023 3:55 PM

Matrix: DRINKING WATER
Collection Date: 08/07/2023 9:55 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP			Method: EPA-200.7-Rev 4.4,1994			Analyst: SCT		
Calcium	141,000	250			µg/L	5	08/11/2023 1:12 PM	91549
Hardness (As CaCO3)	596,000	624			µg/L	5	08/11/2023 1:12 PM	91549
ALKALINITY, TOTAL			Method: SM-2320B-Rev 21st Ed, 1997			Analyst: ESI		
Alkalinity, Total(As CaCO3)	375	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE			Method: SM-4500CL E--Rev 2000			Analyst: EM		
Chloride	29	20			c mg/L	1	08/11/2023 12:06 PM	R166001
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18th Ed, 1991			Analyst: KC		
Residue, Filterable	798	10.0			mg/L	1	08/09/2023 9:41 AM	R165862



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water

Report Date: August 24, 2023

Project Name: CORROSION CONTRL GRP

Workorder: 2308819

Client Sample ID: TP06

Matrix: DRINKING WATER

Lab ID: 2308819-002

Date Received: 08/08/2023 3:55 PM

Collection Date: 08/07/2023 10:57 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP			Method: EPA-200.7-Rev 4.4,1994			Analyst: SCT		
Calcium	147,000	250			µg/L	5	08/11/2023 1:29 PM	91549
Hardness (As CaCO3)	649,000	624			µg/L	5	08/11/2023 1:29 PM	91549
ALKALINITY, TOTAL			Method: SM-2320B-Rev 21st Ed, 1997			Analyst: ESI		
Alkalinity, Total(As CaCO3)	373	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE			Method: SM-4500CL E--Rev 2000			Analyst: EM		
Chloride	92	20		c	mg/L	1	08/11/2023 12:07 PM	R166001
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18th Ed, 1991			Analyst: KC		
Residue, Filterable	866	10.0			mg/L	1	08/09/2023 9:41 AM	R165862



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water

Report Date: August 24, 2023

Project Name: CORROSION CONTRL GRP

Workorder: 2308819

Client Sample ID: TP07

Matrix: DRINKING WATER

Lab ID: 2308819-003

Date Received: 08/08/2023 3:55 PM

Collection Date: 08/07/2023 10:42 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP			Method: EPA-200.7-Rev 4.4,1994			Analyst: SCT		
Calcium	127,000	250			µg/L	5	08/11/2023 1:34 PM	91549
Hardness (As CaCO3)	569,000	624			µg/L	5	08/11/2023 1:34 PM	91549
ALKALINITY, TOTAL			Method: SM-2320B-Rev 21st Ed, 1997			Analyst: ESI		
Alkalinity, Total(As CaCO3)	373	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE			Method: SM-4500CL E--Rev 2000			Analyst: EM		
Chloride	63	20		c	mg/L	1	08/11/2023 12:08 PM	R166001
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18th Ed, 1991			Analyst: KC		
Residue, Filterable	732	10.0			mg/L	1	08/09/2023 9:41 AM	R165862



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water
Project Name: CORROSION CONTRL GRP

Report Date: August 24, 2023
Workorder: 2308819

Client Sample ID: TP09

Lab ID: 2308819-004

Date Received: 08/08/2023 3:55 PM

Matrix: DRINKING WATER
Collection Date: 08/07/2023 10:24 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP					Method: EPA-200.7-Rev 4.4, 1994		Analyst: SCT	
Calcium	140,000	250			µg/L	5	08/11/2023 1:38 PM	91549
Hardness (As CaCO3)	591,000	624			µg/L	5	08/11/2023 1:38 PM	91549
ALKALINITY, TOTAL					Method: SM-2320B-Rev 21st Ed, 1997		Analyst: ESI	
Alkalinity, Total(As CaCO3)	376	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE					Method: SM-4500CL E--Rev 2000		Analyst: EM	
Chloride	60	20		c	mg/L	1	08/11/2023 12:08 PM	R166001
TOTAL DISSOLVED SOLIDS					Method: SM-2540C-Rev 18th Ed, 1991		Analyst: KC	
Residue, Filterable	772	10.0			mg/L	1	08/09/2023 9:41 AM	R165862



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water

Report Date: August 24, 2023

Project Name: CORROSION CONTRL GRP

Workorder: 2308819

Client Sample ID: TP10

Matrix: DRINKING WATER

Lab ID: 2308819-005

Date Received: 08/08/2023 3:55 PM

Collection Date: 08/07/2023 11:46 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP			Method: EPA-200.7-Rev 4.4, 1994			Analyst: SCT		
Calcium	114,000	250			µg/L	5	08/11/2023 1:42 PM	91549
Hardness (As CaCO3)	470,000	624			µg/L	5	08/11/2023 1:42 PM	91549
ALKALINITY, TOTAL			Method: SM-2320B-Rev 21st Ed, 1997			Analyst: ESI		
Alkalinity, Total(As CaCO3)	380	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE			Method: SM-4500CL E--Rev 2000			Analyst: EM		
Chloride	29	20		c	mg/L	1	08/11/2023 12:09 PM	R166001
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18th Ed, 1991			Analyst: KC		
Residue, Filterable	586	10.0			mg/L	1	08/09/2023 9:41 AM	R165862



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Village of Frankfort Drinking Water

Report Date: August 24, 2023

Project Name: CORROSION CONTRL GRP

Workorder: 2308819

Client Sample ID: TP12

Matrix: DRINKING WATER

Lab ID: 2308819-006

Date Received: 08/08/2023 3:55 PM

Collection Date: 08/07/2023 11:30 AM

Parameter	Result	Report Limit	MCL	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP					Method: EPA-200.7-Rev 4.4,1994		Analyst: SCT	
Calcium	92,400	50.0			µg/L	1	08/09/2023 5:15 PM	91549
Hardness (As CaCO3)	412,000	125			µg/L	1	08/09/2023 5:15 PM	91549
ALKALINITY, TOTAL					Method: SM-2320B-Rev 21st Ed, 1997		Analyst: ESI	
Alkalinity, Total(As CaCO3)	382	20.0			mg/L CaCO3	1	08/11/2023 9:52 AM	R165971
CHLORIDE					Method: SM-4500CL E--Rev 2000		Analyst: EM	
Chloride	ND	20		c	mg/L	1	08/11/2023 12:10 PM	R166001
TOTAL DISSOLVED SOLIDS					Method: SM-2540C-Rev 18th Ed, 1991		Analyst: KC	
Residue, Filterable	482	10.0			mg/L	1	08/09/2023 9:41 AM	R165862

EXHIBIT 4

Dial It Back...

Help us do our part to protect our waterways and environment by "dialing back" the amount of time your softener regenerates and the frequency of those regenerations.

If you have any questions, or need assistance, please contact the Village of Frankfort Utility Department at (815) 469-2177.

For additional information visit the Hickory Creek Watershed www.hickorycreekwatershed.org

Awareness

Community

Environment

It's In Your Hands



VILLAGE OF
FRANKFORT
INC • 1879

432 W. Nebraska
Frankfort, IL 60423
www.villageoffrankfort.com

Phone: 815-469-2177 ext. 228
Tony Minette, Director of Utilities
E-mail: tminette@vofil.com

VILLAGE OF
FRANKFORT
INC • 1879

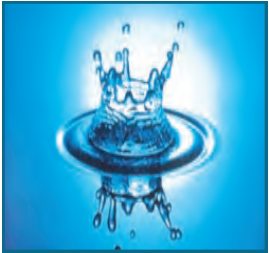
Dial it Back...

*How Your Water Softener
Affects the Environment*



Frankfort Water Supply

The Frankfort water supply contains hardness minerals (calcium and magnesium) which are typically treated with a home water softener. A modern, efficient water softener reduces calcium and magnesium from the water supply. Salt is used in the system to provide



periodic revitalization and to provide soft water for daily needs.

The typical analysis of Frankfort's water taken after the Village's iron removal filtration process shows the following:

Hardness:	31-36 Grains Per Gallon
Iron:	.02 Milligrams Per Liter
pH:	7.8

The Issue

The Illinois Environmental Protection Agency has issued a violation to the Village of Frankfort citing effluent violations at the Village of Frankfort's west wastewater treatment facility. This violation is specific to the amount of chloride (salt) released into Hickory Creek. Excessive salt may affect wildlife and plants now and in the future. The IEPA has identified chloride as a potential cause of impairment to aquatic life.

This violation is not a human health hazard and does not affect drinking water.

Salt from water softeners enters Frankfort's wastewater and discharges into waterways, such as Hickory Creek.

The Village of Frankfort continues to meet and work with the IEPA on this issue; however, it is important for residents to understand the critical nature of this violation.

What Can I Do to Help?

"Dial it Back..."

Over the past ten years, the Village of Frankfort has installed iron filters that have improved the quality of water delivered to your home. The hardness and iron content of your water today is less than it was in the past. There is good reason to adjust your softening unit to correspond to the lower mineral levels of today. Follow your water softener's user manual to reduce the time your water softener regenerates and the frequency of those regenerations. You will save money on salt purchases. You will carry less salt to the basement and you will help the environment by reducing the amount of salt that enters Hickory Creek.



EXHIBIT 5

PRSR STD
U.S. POSTAGE
PAID
PERMIT No. 130
FRANKFORT, IL

TO: POSTAL CUSTOMER
FRANKFORT, IL 60423



Mayor's Message, from page 27

room addition for less than \$6 million by April 20, 2015.

- Finish the water tower, two wells and iron filters for less than \$5 million by May 1 2015.
- Improve the quality and quantity of downtown events.
- Improve the quality and quantity of downtown landscaping.
- Transfer 500 hours of non-police officer work from police to non-police positions.
- Replace/enhance/maintain the Route 30 landscaping.

- Establish a program to visit and retain existing businesses.
- Improve the appearance of existing shopping centers.
- Market key properties to developers.
- Encourage downtown commercial development through property acquisition and programs for developers.
- Obtain St. Francis Road funding.
- Complete Phase II engineering for Steger Road improvement.
- Enhance the program for police department follow-up with

- residents after police events.
- Create a five year plan to replace water mains and reline sewer pipes.
- Expand and improve the bike trail maintenance plan to include the trail on Route 30 and more frequent trimming.

We believe that setting goals and reviewing them periodically helps our community grow more effectively. We hope that our goals reflect our citizens' values. The Trustees and I appreciate the trust that you place in us to wisely spend your tax dollars. 🌸



Mayor's Message

By Mayor Jim Holland



Goals for 2014

With the taxes that you pay to the Village of Frankfort, the Village provides you with planning and zoning services, police protection, road maintenance, garbage collection, and building code enforcement. In January of each year, the Village Board meets with the Village staff to review goals for the coming fiscal year that begins on May 1. Here are some of the Village Board's goals and how we are doing on meeting those goals for the year that ends on April 30, 2014:

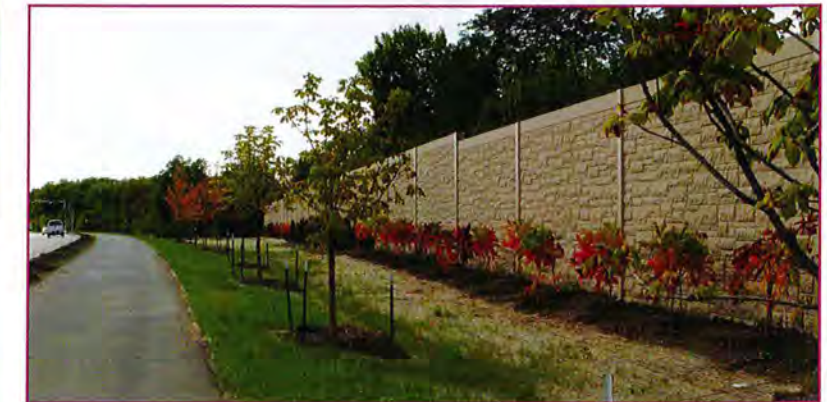
Plan for a new board room. The plans are completed. The construction that should begin in April will provide a proper public meeting room for government and community events.

Transfer 5% of revenues to the capital fund. With two months to go, our conservative fiscal management shows us on track to exceed this goal by over 100%.

Distribute financial reports and
Continued on page 27

Route 30 Improvements: Driving Home Quality

By Jerry Duca, Administrator



Last fall's landscape plantings along Route 30, looking west from Hackberry Road.

Frankfort has long been a community that is known for quality. The residential and commercial developments that punctuate the landscape are some of the best in the region. The services and programs offered by our schools, library districts, and municipal departments are top notch.

When Frankfort's elected officials learned that the State of Illinois Department of Transportation (IDOT) proposed expanding Route 30 through our community, they demanded that the roadway be appropriately landscaped with trees, bushes, and flowers. IDOT officials agreed, conditioned upon the Village's acceptance of maintenance of the new landscaping and grasses. The Village agreed and the

landscaping material was installed last fall.

With the project construction now completed, the Village has begun preparation to take over the landscape maintenance. The first step in this process will be to perform a complete review of all of the existing conditions. We expect to find plant material that has died or been damaged during construction. Replacement of

Continued on page 26

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VILLAGE OF FRANKFORT

Mayor..... Jim Holland
Village Clerk..... Keith Ogle
Village Trustees.....
 Cindy Corso Heath
 Robert J. Kennedy
 Todd Morgan
 Mike Stevens
 Dick Trevarthan
 Doug Walker

Village Administrator..... Jerry Ducay

Administration Office

432 W. Nebraska Street
 Frankfort, IL 60423
 Phone: (815) 469-2177
 Fax: (815) 469-7999
www.villageoffrankfort.com

Village Board Room

Frankfort Police Department
 Lower Level
 20602 Lincoln-Way Lane
 Frankfort, IL 60423

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER

is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,200.

Statement of Purpose: To inform the community of issues, policies and personalities pertaining to government in our village.

Masthead By..... Vicky Cullen

It Starts With Us...

By Rob Piscia, Assistant Village Administrator



Rain gardens help control storm water run-off and are good for the environment.

As a longtime employee of the Village of Frankfort, I have always been impressed with our residents' willingness to "jump in" to be part of the community. From supporting charitable organizations to picking up trash on Earth Day, the people of Frankfort have always been willing to lend a hand. This article will explore a few less obvious ways we can do our part to be good stewards of our community. It starts with us.

Our brutal winter will eventually give way to warmer temperatures and the inevitability of strong rain storms. All of us can do our part in controlling the amount of storm water run-off with some creative ideas. The installation of rain barrels attached to gutters helps store water which may have ended up in sewers. The water stored in the barrels can be used later to water gardens and plants.

Additionally, rain gardens can be installed to reduce storm water run-off. These are usually planted in low areas that allow rainwater

from roofs, driveways, walkways, and parking lots the opportunity to be absorbed. The rain garden will also improve water quality in nearby bodies of water by reducing the amount of pollution reaching creeks and streams, as it filters the water through the root systems of the vegetation.

Native plants are recommended for rain gardens because they generally do not require fertilizer. They are also more tolerant of our local climate, soil, and water conditions, and attract local wildlife such as native birds. It is suggested to use plants such as wildflowers, sedges, rushes, ferns, and shrubs that will help absorb rain water and reduce storm water run-off.

Another way we can be good caretakers of the environment is to cut back on the amount of salt we use to soften our water. In the future, the United States Environmental Protection Agency and the Illinois Environmental Protection Agency will find ways to improve

Continued on page 15

Mayor's Message, from page 1



Finishing work on Breidert Green stage continues on schedule.

lawsuit updates to the board every month or quarterly. The Board receives income, expense and asset reports every month and lawsuit updates quarterly.

Market Frankfort with radio advertising. Several campaigns were created in-house and ads placed on WJOL radio in Joliet.

Renovate the downtown stage. The stage has been rebuilt and finishing work should be completed by spring.

Complete Route 30 improvements. Project completed. Staff will meet with state officials this spring to ensure proper replacement of stressed landscaping.

Secure St. Francis Road improvement funding. While we learned that funding for St. Francis Road improvements between 88th and 84th Avenues may be years away, funding for the bridge has been approved and bridge construction may begin within two years.

Install traffic light at Market Street and Route 45. Completed.

Pursue grant funding for bike trails. \$400,000 in grants received.

Purchase property for a new water tower and well. Property purchased and well and water tower are under construction.

Improve water quality. New water mains and water hammer devices were installed, helping to reduce quality complaints.

Improve the quality appearance of new homes. We upgraded our building code requirements for new homes.

Create a downtown grounds maintenance program. Completed.

Create a landscape maintenance program for Route 30. The plan should be completed by May.

Provide additional seasonal lighting. More lights were added to the downtown and lights were on from Thanksgiving to the end of February.

Initiate a major property tax rebate along with a 1% sales tax increase referendum. After discussing the concept, the Board decided not to proceed.

Maintain village sidewalks. All sidewalk hazards were ground or marked for replacement.

Remove and replace stressed Ash trees. We identified over 600 Ash trees in poor condition. They have been removed and will be replaced in the spring or next fall, depending on weather.

Here are some of our goals for next year:

- Transfer 5% of revenues to the capital fund.
- Finish the new public meeting

Continued on back page



Public Works employee Frank Savaglio trims the trees and plantings in the downtown district.

Fire Protection District News Brushing Off the Winter Dust

By Dennis Merz, Fire Prevention/Public Information Officer



With springtime upon us, it's a good time to review some safety tips for the season.

As we brush off the winter's dust from our bikes, scooters, and roller blades, we take a look to make sure that everything is in good working condition. We check the tires to make sure they are inflated to the proper pressure, and the seats and handlebars are at the correct height and tightness. Don't forget, before you head out the door, you should ALWAYS strap on an approved safety helmet and wear light color clothing to increase visibility to drivers. Remember: **"Friends don't let friends ride without a helmet."**

This past fall and winter the Frankfort Fire Prevention Bureau

was busy with training classes. The latchkey babysitting class is now in its 38th year. During this seven week class, several topics are covered, such as what information to ask the parents, basic first aid, and fire prevention. In addition, Officer Bender from the Frankfort Police Department offers her time to speak about personal safety. The most important thing the young people learn is what it takes to be a good babysitter.

With the severe weather season approaching, you should have a plan to seek shelter when the weather changes. Do you know the difference between a severe weather watch and warning? A severe thunderstorm or tornado watch means that the weather conditions are favorable to produce a storm. A severe thunderstorm or tornado warning means that a storm has been spotted in your area. If at any time a warning has been broadcasted, you should seek shelter immediately. **Keep an eye to the sky for changing weather!**

When you plan your outdoor projects, such as decks and patios, tree and shrub planting, fences, and swimming pools, remember to contact JULIE before you dig. JULIE can be contacted by calling 8-1-1 or via the website, www.illinois1call.com.

Please visit the Frankfort Fire Protection District web site www.frankfortfirebureau.org for safety tips, upcoming events and links to kids' activities. ❀



Route 30 Improvements, from page 1 problematic material will begin in mid-March. While we expect most, if not all, of the material to be under warranty, the Village has budgeted funds to make repairs and to supplement materials in the planting areas.

The process of transitioning the maintenance of the Route 30 corridor from IDOT to local control will take some time. Rest assured that during the transition our team will be out in the field maintaining and enhancing the streetscape to the level of quality

our residents have come to expect. Our elected leaders, and our community, will accept nothing less. ❀

Trustee Talk: Heroin in Frankfort

By Trustee Doug Walker

Normally I really look forward to being able to pen an article to share with the community. This time is different because I am compelled to address a silent but very serious issue facing our community, heroin use, particularly by our youth or young adults. When we read about famous people such as Philip Seymour Hoffman dying from heroin, it may sadden us, but it doesn't necessarily cause us to relate to it personally. However, we should all recognize that heroin use is on the rise in Will County and in our community and has already taken its toll. I have a particular view into this issue in part because of the age of my own children, currently 20 and 26 years of age. There have been several incidents in and around Frankfort involving their contemporaries, in some cases, resulting in death. Because of the stigma, many times families do not publicize the cause of death, so the general trend can go unnoticed.

The fact that heroin use has increased may not be a surprise to us anymore because it has

been widely reported. When we read about this trend, however, do we think of it as a problem of our own? Even when Frankfort residents see there is a heroin problem in Will County, I suspect most of them don't think it could at all apply to our community. The reality is that heroin is a problem that has invaded the upper middle class, suburbia, and specifically, Frankfort.

The first step in conquering a problem is recognition. Frankfort's police force does what it can to enforce laws pertaining to the distribution, possession, or usage of controlled substances, including heroin. The city of Chicago has become a hotbed of heroin trafficking, making drug accessibility to the suburbs much greater. It is very difficult for Frankfort to control the broader Chicago distribution channels, but we can address it from the consumption point of view. Programs such as the DARE program administered by the Frankfort police are designed to educate grade school aged children about the risks of drug

use. In the past, we've run a video from Will County Judge Nash as a public service announcement on FCTV enunciating the terrors of heroin and its increasing use in Will County.



Last November, Will County hosted an awareness program to educate the public. A group has formed in Will County called HELPS (Heroin Education Leads to Preventative Solutions) to help educate the public. The group is hosting a Hero Helps Community Forum on May 17. At the county level, it may be that we are already turning the corner. Will County reported a decrease of heroin deaths from 53 in 2012 to 35 in 2013. Recently, our police force has begun investigating a program whereby our officers would carry an antidote that would counteract an overdose. This program would be the first in Will County, but based upon reactions from local medical officials, we expect it to broaden quickly.

We must remain diligent to address this problem head on. The problem is real and it is close to home. Through increased awareness and education, let's all work together to eradicate this problem locally. ❀

Hydrant Flushing Schedule

April 21 through May 23

September 15 through October 17

Hydrant flushing details are online at www.villageoffrankfort.com under "Live" and "Village Services." Check it out!

Police Training

By Police Chief John Burica



In 2013, police officers completed over 1360 hours of training in various disciplines related to their jobs.

Did you know that every officer in the state of Illinois is required to attend over 480 hours of training from a state accredited police academy to become an officer? This requirement does not include the 12 weeks of on the job or field training.

Field training takes place at the time a new or rookie officer is teamed with a veteran to continue his training and learn procedures at the individual department. This training consists of courses in arrest procedures, search and seizure, civil rights; human relations, cultural diversity, including racial and ethnic sensitivity; criminal procedure law, vehicle and traffic law, traffic control and accident investigation; court testimony, report writing, firearms training; first-aid/CPR, recognition of mental conditions, recognition of abuse, neglect, financial exploitation; crimes against the elderly, rules of evidence, pursuit driving, and physical training, to provide a brief list.

Once the academy and field training are finished, officers are continually trained and kept updated, as laws are ever changing. This instruction is done through the firearms range, in a classroom, internally, by computer, and roll call trainings. The state of Illinois mandates a minimum of 20 hours per officer per year, and it also requires that firearms proficiency be tested regularly. Since we are members of a regional training group, most of our outside training is received through this group. Our internal, computer and roll call training is supplied by officers or command staff certified to train officers.

In 2013, officers completed over 1360 hours of training. Although most of this training is readily available, firearms training, one of the most important exercises in which we participate, has become

very difficult to schedule. Difficulty in scheduling is due to very few shooting ranges in the area and the numerous agencies trying to secure time on a regular basis to qualify their officers. In 2013, our officers trained for over 300 hours with firearms. To secure more training time, we are proposing to construct our own range that will allow us to not only complete the minimum shooting requirements by law, but allow officers to hone their skill by allowing extended training time. Fortunately, the Village already owns land near the Public Works/Utility facility on Center Road. With a little shaping of soil to construct berms, we are hopeful this job can be completed in the near future and officers can reap the benefits of enhanced training and time on the range. ❀



Miss Your Favorite Program on Channel 6?

All FCTV programs are available to watch on your iOS devices (i.e., iPad, iPod, iPhone). Just visit www.villageoffrankfort.com, click on the "FCTV ON DEMAND" logo, select the program you'd like to watch, and enjoy!

What's on FCTV?

A complete listing of channel six programming can be accessed at www.villageoffrankfort.com, under "Quick Links."

Active Chamber, Happy Chamber, Robust Community

By Karen Blake, Executive Director

While anticipating the arrival of spring, it has been business as usual at the Frankfort Chamber of Commerce. We hosted our Annual Meeting, Chili Cook-Off, Meet, Greet and Networks and the Frankfort Community Showcase during the first quarter.

The Annual Meeting was held on January 27 despite challenging cold and wintery weather conditions. Thankfully, the majority of our guests were able to come out to kick off the New Year. 2014 President Lisa Ricchio and the Board of Directors were installed by the Mayor. Guest speaker, Jarrett Payton, shared stories about his father, Walter, their family and how important it is to leave a legacy and be present and accountable every day. In February, eight



Chamber members rent a Lincoln-Way Special Recreation bus to visit three different Frankfort businesses during the Chamber's annual Pub, Grub & Network event.

contestants participated in the 19th Annual Chili Cook-Off. The competition served a large crowd of taste testers and the best chili recipes won awards. Our popular Meet, Greet and Network series resumed. New businesses are welcome to attend this free event where valuable community updates and business introductions occur monthly. The 30th Annual Frankfort

Community Showcase partnered with the Artworks program at Lincoln-Way East for the first time in March. This joint venture allowed for additional exposure for both events, where thousands of guests visited over 80 Showcase business exhibits and over 800 student Artworks pieces.

Spring/summer will bring back additional Chamber member networking and community events such as the Pub, Grub and Network (April), Chamber Golf Outing (July 17) and Concerts on the Green starting June 15. The Chamber is proud to support our annual contributions to other community organizations and upcoming events (scholarships, school foundations, Earth Day, Fourth of July Fireworks and Movies on the Green) and looks forward to producing the 46th Annual Frankfort Fall Festival (August 30 – September 1).

More information about Chamber events and activities can be found at www.frankfortchamber.com, and please remember to SHOP LOCAL! ❀

Kids: "Fizz, Boom, READ," Teen: "Spark a Reaction," and Adult: "Literary Elements."

Stay up to date with the latest acquisitions and recommendations from the Library on our Pinterest page: www.pinterest.com/fpld. Take advantage of borrowing eBooks and downloadable audiobooks to push those summer reading program records to new heights. The Friends of the Library and the Frankfort Lions Club have helped to fund an additional eBook resource; Axis360 features reader software that can

accommodate a wide range of visual needs. All of our eBook links are on the Books & Media tab of our website, www.frankfortlibrary.org.

The Library will be expanding its programming in Breidert Green this summer with more frequent Bookmobile visits to the park and expanded use of the new stage facility. We hope to see you there on Fridays this summer! ❀

Hickory Creek Middle School PINK Night Hosted by Girls' Volleyball Team

Dr. Pamela A. Wernet, District 157-C Interim Superintendent



Hickory Creek's 7th and 8th grade girls' volleyball team hosted a fundraiser for the Cancer Support Centers.

The Hickory Creek Middle School girls' 7th and 8th grade volleyball coaches Jennifer Rodgers and Kristin Ellis are especially proud of their team this year. The team hosted a PINK night for charity at its last home match. To encourage school spirit and increase attendance, the team decorated the school with signs promoting the event, wore pink jerseys, and used a pink volleyball during the matches. The pink color has long been associated with breast cancer awareness.

The opposing team had to cancel at the last minute due to bad weather; however, the PINK night was successful in raising \$1,000 for charity while the Hickory Creek team played against teachers and staff. The team collected donations at the gate, as well as throughout the crowd during the matches. The staff of Hickory Creek Middle School and Grand Prairie Elementary School also had an opportunity to donate \$5.00 to the cause, allowing them to wear blue jeans to work and

pink accessories to show their support. All funds collected were donated to the Cancer Support Centers of Cook and Will Counties.

In keeping with the school's "Character Counts" character education program, the volleyball

match for charity was a display of positive character. It also meshes with a new program being implemented by the Illinois Elementary School Association (IESA.) Their "One Team" award program was approved by the IESA Board of Directors at its fall board meeting, and it is designed to recognize the generosity and selflessness that is often on display by many IESA member school teams.

Coach Rodgers proudly stated, "The best part of this PINK night was that it was an idea brought to me by a player." ❀

Frankfort Public Library District News

By Pierre Gregoire, Library Director



The new flock of robins has come to visit the Library courtyard as I write

this. I certainly hope the March snows are not scaring them off. We have so much to do this spring and summer!

Our spring activities include many days of one-on-one

personal electronic device instruction, Friends of the Library Geranium day, and continual Book Sales.

As school gets out for the summer, the Library's Summer Reading Program begins. Registration/Reading Logs open Monday, June 9, at 9:00 a.m. Registration/Reading Logs close Saturday, August 2, at 11:59 p.m. Last day to claim prizes is Saturday, August 9. The themes this year are Science based:

A Tale of Two Meetings

By Jeff Cook, Director of Development Services



Two meetings occurred in early 2014. Both discussed Dominick's and identified opportunities for Frankfort.

In February, Mayor Holland, the Frankfort Board of Trustees and Economic Development Committee members were faced with a daunting task: Prioritize locations and resources for economic development activities in the village.

Front and center was the issue of the former Dominick's space. The group grappled with the question so many villages struggle with - what to do when the big box goes dark?

In the context of other opportunities such as Routes 30 and 45, Downtown, and even the new interchange at Stuenkel Road and I-57, members concluded repurposing the former Dominick's space is a high priority; but recognized doing so will be driven largely by corporate requirements and local market conditions. It seemed there was little opportunity for money or staff time to expedite the process of selling private real estate, constructing building alterations, and negotiating private lease agreements for the space.

Meanwhile, attendees at the March meeting of the International Council of Shopping Centers (ICSC) agreed retail is back, but there were mixed

feelings as to what the Cerberus purchase (see sidebar "Dominick's Update") meant for unsold Dominick's locations. One thing was very clear: Internet sales continue to change what it means to be a retailer and they are impacting decisions as to where and when retailers build new stores.

Resultantly, the only growth areas today center on products or services you generally can't get over the Internet, such as grocery, restaurants, entertainment, health care, or certain discount retail. Concerning to many outlying suburbs, this trend presents opportunities for Frankfort, since much of the traditional retail space split the market between Harlem and 191st Street in Tinley Park and west on Route 30 in New Lenox.

Timing of these two meetings could not have been better. The local group renewed its focus on attainable economic development strategies just as the development

world began to regain its footing. While there's little doubt filling Dominick's will take time in the short term, Frankfort's strong demographics should have little problem continuing to attract quality development over the long term. ❀

Dominick's Update

Nearly half of the 72 Dominick's in the Chicagoland area remain vacant as of early March when Cerberus Capital Management agreed to purchase Dominick's parent company Safeway, Inc. It is increasingly likely the former Dominick's space will not remain grocery; however, progress to convert it to an alternative use remains subject to a corporate process to sell the real estate.

The Village is hopeful the sale to Cerberus will bring an end to the corporate silence about the store's future. However, concern remains the pending transaction with Cerberus, scheduled to close in the fourth quarter of 2014, might further delay the sale and conversion of the store while the purchaser gets up to speed with the various acquired sites.

Please make a conscious effort to patronize the shops and restaurants in this area, as the loss of traffic can be troubling for the remaining businesses.

Why Are There Evergreens on the Ice?

By Terry Kestel, Superintendent of Public Works

If you have had the opportunity this past winter to walk out by the Prairie Park pond, you may have noticed several discarded Christmas trees on the ice. The question asked of the Village is "Why are they there?" Was it some odd sort of vandalism, did the wind blow them on the ice, or is it some crazy after the holiday tradition? The answer is "no" to those ideas; it's simply part of the Village's planned maintenance for "balance of life" in the pond.

When new detention ponds are dug out, the shape at the bottom of the ponds is like a bowl. While the pond is designed in this way to provide for storm water detention, it is not ideal for aquatic life. This clean bowl shape provides no areas for the young fish to hide. Ponds that have formed naturally over years will have rock features or fallen timber at the bottom, thereby providing the needed areas for the young fish. When the Village decided to stock the pond after its construction, the lack of



Discarded Christmas trees shelter the fish in the Prairie Creek pond. Inset: Village employee John Craven with catch of the day.

hiding places for young fish was a concern. After doing some research, it became clear that an easy and cost effective way to provide shelter for the fish would be to sink discarded Christmas trees to the bottom of the pond. The process involves tying several

of the trees together, attaching cinderblocks for weight, and dragging them out on the ice. As the ice melts, the trees will sink to the bottom, providing the hiding area that the young fish will need. This process does not change the pond's ability to function for storm water detention. By sinking trees periodically over several years, the Village has established a self-sufficient ecosystem that can support a balanced fish population, eliminating the need to constantly restock feeder fish.

The result of these efforts can be seen at the Village's annual summer "Get Hooked on Frankfort" fishing derby for the young anglers. This year's derby will be held on June 28. If you would like more information about the fishing derby, please contact the Village of Frankfort at (815) 469-2177, or visit the Village website. ❁



Stay Up to Date With 2014 Village Events!

Newsletter Online

The current issue of *The Frankfort Villager* is now online at www.villageoffrankfort.com under "Quick Links." Check it out!

To receive free event updates every month, visit www.villageoffrankfort.com and under the calendar on the home page, click "Receive Email Updates." Complete the short form and submit! On the first day of every month, you'll automatically receive a calendar of events! It's that easy!

Spotlight on Education

By Superintendent Dr. R. Scott Tingley, Lincoln-Way High School District 210

The Lincoln-Way High School District 210 Board of Education recognizes its top academic students, the Class of 2014 valedictorians and salutatorians from Lincoln-Way Central, Lincoln-Way East, Lincoln-Way North, and Lincoln-Way West high schools.

The ceremony is to honor our valedictorians and salutatorians. This select group of individuals has chosen to set themselves apart and achieve at the very highest of academic levels.

The Class of 2014 represents the 53rd set of valedictorians/salutatorians from Lincoln-Way Central; the 12th set from Lincoln-Way East; the fifth set from Lincoln-Way North; and the fourth set from Lincoln-Way West.

The valedictorians for the Class of 2014 are:
Lincoln-Way Central
Michelle Dundek
Daughter of Karen and Frank Dundek of New Lenox
Grade point average of 5.909

Lincoln-Way East
Kasper Borys
Son of Chris and Marta Borys of Mokena
Grade point average of 5.880

Lincoln-Way North
Jack Quirk
Son of Alan and Tracy Quirk of Tinley Park
Grade point average of 5.582

Lincoln-Way West
Richard (Ricky) Puig
Son of Karen Puig of New Lenox and Richard Puig Jr. of London, England
Grade point average of 5.542

The salutatorians of the Class of 2014 are:
Lincoln-Way Central
Jana Mudrock
Daughter of James and Jennifer Mudrock of New Lenox
Grade point average of 5.788

Lincoln-Way East
Kurt Lezon
Son of Joe and Karin Lezon of Frankfort
Grade point average of 5.842

Lincoln-Way North
Calvin Duong
Son of Chanh and Christine Duong of Tinley Park
Grade point average of 5.498

Lincoln-Way West
Hannah Enyart
Daughter of Jennifer Enyart of New Lenox and Kevin Enyart of Joliet

Grade point average of 5.445
Congratulations to all of our students. They have chosen to take advantage of all the educational opportunities provided at Lincoln-Way District 210. The Lincoln-Way High School District 210 faculty and staff are very proud of these students and look forward to their future accomplishments.

The Class of 2014 graduation ceremonies are scheduled as follows:

- Lincoln-Way North
6:30 p.m. June 3
- Lincoln-Way West
6:30 p.m. June 4
- Lincoln-Way East
6:30 p.m. June 5
- Lincoln-Way Central
6:30 p.m. June 6

Thank you to the Frankfort community for your continued support of the Lincoln-Way High School District 210. ❁



District 210 valedictorians and salutatorians for the Class of 2014. Valedictorians, front row, left to right: Michelle Dundek, LW Central; Jack Quirk, LW North; Kasper Borys, LW East; Richard Puig, LW West. Salutatorians, back row; Dr. R. Scott Tingley, Superintendent; Jana Mudrock, LW Central; Calvin Duong, LW North; Kurt Lezon, LW East; Hannah Enyart, LW West, Dr. Arvid Johnson, President, school board.

Several Curricular Areas Strengthened in District 161

By Superintendent Barb Rains

The Summit Hill Superintendent Advisory Committee is focusing on revitalizing the applied tech encore class at Summit Hill Jr. High. Members are reviewing a variety of modules. After the modules are determined, administration and staff will work through the processes of incorporating the modules into the encore rotation.

Formal Honors programming, now called the Summit program, has been reviewed and strengthened. Walker School's Summit program follows a group structure for grade 5 and a departmentalized structure for grade 6. Both programs have a strong emphasis in reading and/or math. SHJH's Summit program will follow a departmentalized structure, providing instruction in reading, math, science, and/or social studies in grades 7-8. A new Summit curriculum is being crafted utilizing the Understanding by



Indian Trail fourth graders Jon Guch, Dominic Owens, Corrin Marek, and Mary O'Neill participated in a Presidents' Day multidisciplinary project. They learned about various Presidents, voted on whom they believed was the "best" President, and then tallied and charted the results.

Design research-based curriculum model. The Summit curriculum will be differentiated from that of other students performing on grade level. Differentiation includes modification of student goals and objectives, instructional strategies, learning experiences, and evaluation. High performing students in the elementary grades

will receive instruction with the same rigor as those in the Summit program. Students in the elementary grades who are high performers will be clustered together to increase their achievement levels. Students will take pre-assessments to determine curriculum readiness and will progress through a differentiated curriculum to meet their educational needs.

Door monitoring systems are in place at the front entrance of each District school. The system allows the building secretary the ability to communicate with individuals before authorizing entry into the building. This added safety and security measure was implemented by the Board of Education and is the latest addition to the District's Safe Schools Program. ❀

Will County Land Use Department presents

Household Hazardous Waste Collection Day

When: Saturday, May 3, 2014
 Time: 8:00 AM to 3:00 PM
 Where: Mokena Hickory Creek Metra Parking Lot
 9430 Hickory Creek Drive in Mokena

Open to Will County residents only



Extreme Winter: Above and Below Ground

By Darrin Yount, Utilities Director



The excavator (inset) has begun site excavation for the new Village board room.

This has been a winter of extremes, to say the least. The cold temperatures and excessive snow falls have challenged us to see how many times we are willing to pick up the snow shovel or start up the snow blower. Businesses and schools have been forced to close their doors, and motors and electronics have struggled to function in subzero conditions. Several records have been set for total snow fall, temperatures below zero, negative wind chills, and days below freezing. Winter has been extreme in many ways.

Another way this winter has been extreme is that it has created an unusual situation below ground. Every winter it is common to experience frost in the ground, and in the upper Midwest it can reach an extreme depth of 42 inches. Typically, the water in the first two to three feet of the ground freezes, making the soil as hard as concrete. This frozen

ground just prior to the subzero temperatures. This precipitation caused the ground under the roadways to freeze at an extreme depth of five feet (60 inches), which meant the frost came in contact with 3/4-inch to 2-inch diameter copper service lines buried at a four to five foot depth. Since water is not always flowing through these small lines, the frost was able to freeze some of the lines and disrupt service. These service lines had to be thawed using a variety of methods to restore service. Frankfort was fortunate in only having a handful of frozen lines as some other communities experienced hundreds of occurrences.

The extreme winter conditions created challenges for all of us both above ground and below ground. Quite possibly, the biggest thing it created was an extreme desire and appreciation for spring.

If you have any questions regarding this article or any other concerns, please contact the Frankfort Utility Department at (815) 469-2177. ❀

ground has the power to push up pavement such as roads, parking lots, driveways, patios and sidewalks. This action is called frost heave. It is because of this frost in the ground, and its ability to move things, that water and sewer utility pipes are typically installed at a minimum depth of five feet. This is a good construction practice and it has proven effective for many decades.

This year, however, the frost line went beyond the extreme depth of 42 inches. The early days of winter provided some snow and rain that deeply saturated the

2014 Branch Pickup Schedule

April 7 through October 13

Branches should be set out by 7:00 AM on Monday, stacked neatly with cut ends facing the street.

What Are Your Plans This Summer?

By Mary Canino, Manager of Community Relations



The annual Fine Arts Fair in late June continues to be a popular event with residents and visitors to Frankfort.

With this past long winter finally behind us, we are all eager to start planning for outdoor activities during the spring and summer months. Calendars will fill up quickly with graduations, family vacations, golf outings, and long weekends with friends. Before you run out of free summer dates, however, take some time to "Discover Frankfort." Beginning in April, Frankfort's spring/summer event season kicks into full speed and continues through September (and beyond).

Throughout this *Villager* edition, you'll see dates and specific details relating to our spring/summer calendar of events – from the Frankfort Country Market,

Cruisin' Frankfort, Fine Arts Fair, Fishing Derby, Concerts on the Green, Bluegrass Fest to the Amateur Rib Cook-Off.

If you've never been to a Frankfort event, you can easily revisit many of them by watching



The Rib Cook-Off in August draws large crowds of rib lovers.

"FCTV ON DEMAND" from the Village website and selecting any event for a quick look at how much fun you can have in Frankfort with your entire family!

So mark your calendar – or just sign up to receive free event updates every month at www.villageoffrankfort.com, and under the calendar on the home page, click "Receive Email Updates." On the first day of every month, you'll automatically receive a calendar of events. It's that easy and you won't miss any of the fun-filled events in Frankfort.

Take time to "Discover Frankfort" this summer! ❀

Frankfort Township Food Pantry

Frankfort Township's food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the Frankfort Township Office, 11000 W. Lincoln Highway.

For more information, please contact Jodi Gallagher-Dilling at (815) 806-2761.

Come Join the Summer Fun at the Frankfort Park District!

By Tom Carstens, Executive Director



A young resident is all smiles at last year's 4th of July celebration at Main Park.

The Park District had a busy, successful winter season. With record snowfall, the two ice rinks at Main Park and the sled hill at Commissioners Park had a lot of activity. Program participation by our residents continued to soar. The Daddy Daughter Dance had 150 dads and their daughters dancing, and enjoying refreshments and contests. The fifty-five Senior Valentines Lunch attendees enjoyed excellent food, dancing, and music/entertainment by Mike Valentine. The Youth Basketball League had 290 team members, and in two sessions, the Little Dribblers had 90 kids participate.

Don't miss the annual summer special events planned throughout the parks. Great treasures can be found at the Frankfort Community Garage Sale (June 7). Join the 5K Run/Walk activities for the 14th Annual Short Run on a Long Day (June 18) at Main Park. Enjoy the 4th of July Celebration (July 4) at Main Park

with a live band and a spectacular fireworks display at dusk. Come out one of the last nights of summer to Commissioners Park for our 5th Annual Back to School Bash (August 22), where \$5 wristbands allow unlimited games, giant inflatable, splash park, and a train ride.

New this summer, at the beautiful Commissioners Park, is Fort Frankfort Adventures - Summer Day Camp. This full day camp will run from 9:00 AM – 4:00 PM, Monday – Friday, with before and after camp options offering plenty

of outdoor activities, water days, arts and crafts, and weekly field trips. The camp is for children entering 1st through 6th grade. Open House is scheduled on Saturday, May 24, from 1:00 PM – 3:00 PM at Commissioners Park. Come out and meet the staff at the park. Registration information will be available soon. Week long specialty Mini-Camps for ages 2 - 8 years are also offered and include, "Me Two" Camp, Tiny Tot Summer Camp, and Fun in the Sun Mini Camp.

For complete details of all the programs and events listed above, see the summer brochure available at the Founders Community Center and on www.frankfortparks.org at the end of April. Become a "Fan" of the Frankfort Park District on Facebook for special announcements and up-to-date news. Don't forget to sign up for our e-newsletter at www.frankfortparks.org.

Come join the fun! ❀

Did You Know?

A drive-through drop box for water bill payment is located outside the Village Administration Office at 432 W. Nebraska Street for your convenience.



Frankfort Square Park District 40th Anniversary Celebration – Fireworks and Fun

By Jim Randall, Executive Director

The Frankfort Square Park District, FSPD, was incorporated in 1974 by a small group of dedicated residents for purpose of meeting the recreational needs of friends and family, and establishing parks by accepting available open space from home developers.

Things were very different early on, with Park Board Members assuming many responsibilities that are now completed by 150-plus staff members. It was not uncommon for Board Members to mow grass, prepare the brochure, and keep the books, along with every other task necessary in the provision of park district services.

Since then, the FSPD has grown into a nationally recognized award-winning agency that now encompasses over 9.6 square



Celebrate 40 years with the Frankfort Square Park District!

miles, 32 parks, and offers over 1,000 programs annually in indoor/outdoor facilities, meeting the needs of all age groups.

Whether you are new to the FSPD, or have been enjoying the programs and facilities since 1974, please join us for the 40th anniversary celebration on

Saturday, July 26, at Island Prairie Park. Take a step back in time and enjoy some old-fashioned fun to commemorate the founding of the FSPD. Stellar activities will include: trivia contest for adults, field competitions for children, concessions at 1970s prices, music to boogie to, bring a shirt to tie dye, and enjoy a blazin' fireworks display to cap off the fun!

For more information on the Frankfort Square Park District, please visit our website at www.fspd.org, contact the park office at (815) 469-3524, or become a fan of our Facebook page for upcoming programs and events. ✿

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to:
Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423
or logon to www.villageoffrankfort.com and click on "Contact Us."

Frankfort Rated in the Top 12 Best Places to Live by Chicago Magazine



Chicago Magazine has rated Frankfort the "Best Place to Live" in Will County and one of the twelve best places to live in the collar counties. In the April 2014 edition, author Ian Spula judged the communities on issues such as safe streets, good schools, convenient transportation, solid housing values, plentiful restaurants and shops, and friendly neighborhoods. Other villages receiving the honor include: Barrington, Northbrook, Wilmette, Hinsdale, Highland Park, Geneva, and Woodstock.

Frankfort previously received a "Best Place to Live" honor in 2010 from *Chicago Magazine*.

"While those of us who live in Frankfort know it is a wonderful place to live, it is an honor to be recognized by *Chicago Magazine* as a top rated community. It is a compliment to all our residents who work very hard to maintain the quality of life we all enjoy," commented Mayor Jim Holland. ✿

Frankfort Hosts Senior Breakfast

On March 19, the Village of Frankfort hosted its annual senior breakfast at its Utilities/Public Works Facility (524 Center Road). Mayor Holland gave a presentation on the Village's various services, infrastructure updates, and village programs to senior residents.

Guest speakers from the Frankfort Library, Frankfort Park District, Lincoln-Way School District 210, Frankfort Township, Frankfort Fire District, and Frankfort Police Department were on hand to answer questions and present their senior programs. Following the breakfast, tours of the 524 Center Road facility were conducted by Village staff.

Frankfort residents 62 years old or over who would like to be

included in next year's breakfast, please email Mary Canino at mcanino@vofil.com with contact information. ✿



Calendar of Events 2014

STUDENT GOVERNMENT DAY

Monday, April 7
w/Hickory Creek Middle School
6:00 PM Mock Board Meeting
Frankfort Police Station
20602 Lincoln-Way Lane

EARTH DAY/ARBOR DAY CELEBRATION

Saturday, April 12
8:30 AM
Utilities/Public Works Facility
524 Center Road

FRANKFORT COUNTRY MARKET

Sundays
April 27 through October 26
10:00 AM to 2:00 PM
Downtown Frankfort

CRUISIN' FRANKFORT

Thursdays
May 15 through September 11
5:00 PM to 9:00 PM
Downtown Frankfort

MEMORIAL DAY

Monday, May 26
10:00 AM
Braidert Green

MOVIES ON THE GREEN

Wednesdays
June 4, July 9 & August 6
8:30 PM
Braidert Green

CONCERTS ON THE GREEN

Sundays
June 15 through August 24
6:30 PM - Braidert Green

"GET HOOKED ON FRANKFORT" FISHING DERBY

Saturday, June 28
8:00 AM to Noon
Prairie Park
Downtown Frankfort

FOURTH OF JULY CELEBRATION

Friday, July 4
5:00 PM to 9:00 PM
Main Park
(Nebraska Street)

BLUEGRASS ON THE GREEN

Sponsored by the Bluegrass Committee
Saturday, July 12 & Sunday, July 13
Times TBA - Braidert Green

"SUPER SUNDAY"

Country Market/Car Club/Concert
Sunday, July 20
10:00 AM to 8:00 PM
Braidert Green

AMATEUR RIB COOK-OFF

Saturday, August 2
1:00 PM to 3:00 PM
(Public Tasting)
Braidert Green

NIGHT OUT AGAINST CRIME

Tuesday, August 5
6:00 PM to 8:00 PM
Braidert Green

"BIKE THE TRAIL"

Sponsored by LW Special Recreation Association
Saturday, August 23
10:00 AM to 1:00 PM
Braidert Green

FRANKFORT FALL FEST

August 30 through September 1
Downtown Frankfort

SEPTEMBER SUNSET MUSIC SERIES

Sunday, September 7 &
Sunday, September 14
5:00 PM
Braidert Green

OLD PLANK ROAD TRAIL 5K RUN/WALK

Saturday, October 4
8:30 AM to 11:30 AM
Braidert Green

TRUNK OR TREAT

Saturday, October 25
11:00 AM to 1:00 PM
Braidert Green

VETERAN'S DAY CONCERT

Sponsored by Hickory Creek Middle School
Tuesday, November 11
7:00 PM
Hickory Creek Middle School

TREE LIGHTING CEREMONY

Thursday, December 4
6:30 PM
Braidert Green

For additional information and details on events, visit www.villageoffrankfort.com under "Calendar of Events."

Frankfort Lions Club Celebrates 73 Years of Service

By Nancy Schmitz, Lions Club Secretary



Pictured with Jan Reyburn from the Frankfort Jewel are President Lion Steve Juveland and Lion John Reilly. Jewel supported the Lions in their 2013 fundraising efforts.

The mission of the Frankfort Lions Club is simple: To empower volunteers to serve their communities, meet humanitarian needs, encourage peace, and promote international understanding.

Chartered in 1941, the Frankfort Lions Club celebrates 73 years of giving back and serving the Frankfort community. Over 50 members actively engage in volunteer activities that require man power, talent, and most importantly, time. Throughout the years, hundreds of Frankfort families have been the recipient of Lions' generosity as their members strive to reach out to many who are in need.

An extensive fund raising calendar allows the Lions to raise revenue to support numerous charitable projects with a primary focus on the visually impaired, youth, and diabetes research. Food baskets are delivered to families in need during the Thanksgiving, Christmas, and Easter seasons. Approximately

ticket sales, raffles, and sponsorships. With only 2,000 tickets sold at \$20 per ticket, seven cash prizes were awarded, including a grand prize of \$10,000.00!

The Frankfort Lions have something different planned for this year's raffle. They've decided to change the theme to signify Frankfort's German heritage. Those who purchase a raffle ticket and join the Lions in the beer tent will enjoy German music, dancing, and refreshments; and for the first time in many years, a German beer will be offered.

Tickets for this year's raffle will be available in April. Tickets are \$20 each and admit two into the beer tent. This year's drawing will take place on Thursday, August 28. Visit their website at www.frankfortlionsclub.com or their Facebook page at www.facebook.com/FrankfortLionsClub for raffle and ticket information. 🌸



The Lions collected enough food during the past holiday season to distribute 20-30 food baskets to families in need.

Big News: All Small Miniatures Celebrates 38 Years in Business

By Rachel Gilmore, Feature Writer

Hildegard Popoff, owner of All Small Miniatures at 26 S. Ash Street, celebrates 38 years in business in downtown Frankfort this August. And her secret to success is simple: never give up.

“The village has changed since I first moved here, but my love for the village has never changed. I love working in my store. I love my customers. Even if things are different now than when I first opened, I am doing what I love. Just never give up,” Popoff advised in her charming German accent.

Popoff grew up in the Black Forest and credits her mother with nurturing her love for all things small. “We made bits of things out of shoeboxes and little pieces of material,” Popoff said.

Emigrating to the U.S. in 1951, Popoff and her husband, Nick, traveled here with his family on

“Never give up” is the secret to success, according to All Small Miniatures’ Hildegard Popoff, who celebrates 38 years in business in downtown Frankfort this August.



an American troop transport ship on its way back from Korea. The Popoffs first settled in Wilmette, moving south in 1974 when Nick’s employer relocated.

“We looked for a long time before we bought, but we kept coming back to Frankfort. I personally loved it. I loved the quaintness,” Popoff shared.

And while she wasn’t job hunting,

a visit with her daughter to the dollhouse store in the Grainery in the mid-1970s turned into a four-decade vocation for Popoff, who was instantly drawn to the miniatures.

“The lady who owned it didn’t seem to really like the work, and she asked me if I’d like to run the shop. She let me do what I wanted and the shop did well,” Popoff explained.

The business is now in its third location in downtown Frankfort. Popoff proudly carries the largest supply of dollhouses, dollhouse accessories and miniatures in the Chicago southland and will happily work the phones to find a special request.

“I have customers who came here with their mothers when they were little girls and now they come with their own little girls to buy things. Can you imagine what a joy it is for me to see them? I love what I do!” Popoff affirmed. ✿

An Invitation to Join Us...

Earth Day/Arbor Day Celebration

Saturday, April 12, 2014

Clean-Up Day Program 8:30 AM

Volunteer Lunch 11:30 AM



CONTINENTAL BREAKFAST • EARTH DAY T-SHIRTS

SAME LOCATION FOR SIGN UP & VOLUNTEER LUNCH
524 CENTER ROAD

For more information, call (815) 469-2177, or visit www.villageoffrankfort.com.

If you have a large group, please contact

Mary Canino at (815) 469-2177 or mcanino@vofil.com to sign up!

Frankfort Country Market

Downtown Frankfort – Sundays, 10:00 AM to 2:00 PM

Spring Market Opens April 27

(A smaller market focus on plants & early crops)

Summer Market Opens June 8 – October 26

Featuring a full roster of producers, prepared foods & vendors
(Fall Market Hours 10:00 AM - 1:00 PM)

Enjoy the Local Flavor With:

Live Music (Summer Market) • Chef Demos
Kids’ Activities

Special Event Days:

- Sunday, June 8 & July 27 - Petting Zoo
- Sunday, June 22 - “Salute to Agriculture Day” features kiddie tractor pull & Dairy Oaks Cow/Calf exhibit

Fun for the Entire Family

For more information, visit www.villageoffrankfort.com.





WE'RE TURNING FIVE!

Save the date & celebrate with us.

For more information about birthday events, call 815-469-1199 or email info@kidsworkchildrensmuseum.org.

KidsWork Children's Museum
2009 • CELEBRATING FIVE YEARS OF PLAY • 2014

Live to Play... Play to Learn
G • A • L • A

Sat., June 7 at KidsWork Children's Museum
Hosted by Mayor Jim & Stacy Holland
Refreshments... Silent Auction...
Wine Raffle...Caricaturist... and Fun!

Birthday Party Palooza

Saturday, June 14 at
Frankfort Park District's Founders Center

Featuring...
*a Jim Gill concert,
facepainting, birthday
cake and more!*



11 S. WHITE ST. - FRANKFORT, IL | 815-469-1199 | WWW.KIDSWORKCHILDRENSMUSEUM.ORG

Cruisin' Frankfort 2014

Every Thursday
from 5:00 PM to 9:00 PM
Downtown Frankfort!

May 15 through September 11
No Cruise on August 28

For a list of the feature cars, visit
http://frankfortcarclub.org/cruisin_frankfort_2014
or
www.villageoffrankfort.com
under the Calendar of Events.

Sponsored by:
Frankfort Car Club and the Village of Frankfort



Lights, Camera, Action! "Movies on the Green" in Frankfort!

Grab a blanket or bring a lawn chair.
It's free family movie time under the stars
at Breidert Green in downtown Frankfort!

Feature Film: 8:30 PM (or Dusk)

Free Popcorn • 20' Screen
No Alcoholic Beverages Allowed • No Pets Allowed

Popcorn Popped & Served By:

June 4 - Knights of Columbus
July 9 - Kiwanis Club of Frankfort
August 6 - Frankfort Lions Club

In case of bad weather, rain date is one week from the original movie date!

Wednesday, June 4
"Back to the Future II"

Wednesday, July 9
"The Incredibles"

Wednesday, August 6
"Ghostbusters"

Sponsored by: Village of Frankfort • Frankfort Chamber of Commerce • Frankfort Park District



Village of Frankfort Hosts Annual Homeowners' Association Meeting



February 26, 2014, marked Mayor Jim Holland and the Village of Frankfort's ninth annual informational meeting for Frankfort homeowners' associations. HOA Board members from most of the 57 HOA/Townhome associations attended the meeting held at the Frankfort Police Station, lower level. Village staff members, including Village Administrator Jerry Ducay, Assistant Village Administrator Rob Piscia, Superintendent of Public Works Terry Kestel, Development Services Director Jeff Cook,

Community Relations Manager Mary Canino, and Code Enforcement Officer Chris Dempsey attended the meeting. Trustee Mike Stevens was also in attendance.

Mayor Holland gave a brief overview of the Village and its activities to the attentive crowd, emphasizing the partnership that the Village has with the homeowners' associations. Mayor Holland and staff members answered various questions from the attendees.

This year's program also featured a brief presentation by Police Chief John Burica and Community Services Officer Leanne Bender. They focused on the community service relationship the police department has with all the neighborhoods. Chief Burica encouraged residents to sign up with the "NIXLE" free network (www.villageoffrankfort.com under "Quick Links"), which sends out free alerts, advisories, and information.

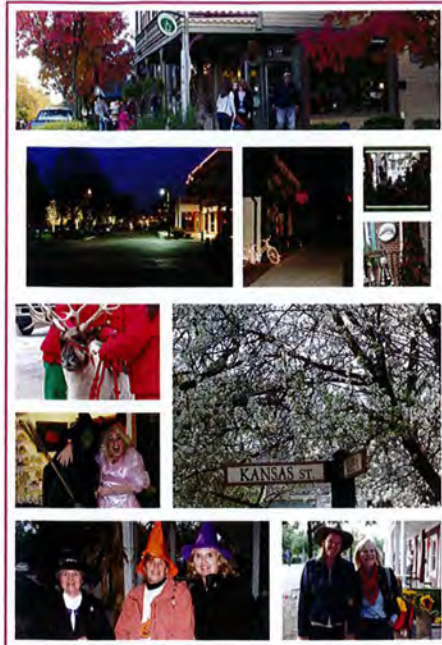
"It is critical to have an ongoing relationship with our homeowners' associations. Communication is key. Their input regarding projects affecting their subdivisions is important to the strength of our community, and their questions are always welcome. We're pleased with the excellent attendance at tonight's meeting and the interest shown by each of these residents," commented Mayor Jim Holland. 🌸

Frankfort Welcomes New Eatery

Mayor Jim Holland, Trustees Cindy Heath and Mike Stevens, and Clerk Keith Ogle joined the staff of Noodles & Company in celebrating the opening of the restaurant on March 10. The restaurant is located at 21075 S. LaGrange Road. 🌸



Frankfort Historic Business Association Launches Community Partner Program



The Frankfort Historic Business Association's mission is to work in

partnership with the Village and other local organizations to foster business growth and strengthen the Frankfort community. From our award-winning Pickwick Society Tearoom to our much-loved Christkindl & Cookie Walk Weekend, our merchants and their FHBA-sponsored events draw thousands of visitors to our charming, historic downtown each year. To help us continue

our community-building work, we're inviting area residents and businesses to join us in getting people to "Come on down...town!" Community Partnerships are available for just \$25 (to thank you, we'll put you on a special early-bird email list for Girls Night Out, the Wine Walk, and Cookie Walk. More information, including corporate sponsorship opportunities, can be found at shophistoricfrankfort.com. Thank you for your support! ❁

Night Out Against Crime



Tuesday, August 5

6:00 P.M. to 8:00 P.M.

Breidert Green – Downtown Frankfort

Police and Fire Department Demos
Games and Inflatables
"Touch a Truck" Program

Come and enjoy the fun!

Community Expo Marks Another Year

The Village of Frankfort participated in the annual Community Showcase sponsored by the Frankfort Chamber of Commerce.



Pictured: Mary Canino, Manager Community Relations, Village of Frankfort.

Village of Frankfort Fine Arts Fair

Saturday, June 21

10:00 AM to 3:00 PM

Breidert Green in Downtown Frankfort

Experience...

feature works of art and demos by Frankfort area premier artists

Enjoy...

browsing through the shops and restaurants

Relax...

while sampling a tasting of wine or your favorite cheese (1:00 to 3:00 PM)

Listen...

to relaxing music performed by local musicians

Sponsored by the Village of Frankfort

Visit www.villageoffrankfort.com for additional information.



"Get Hooked" on Frankfort Fishing Derby at Prairie Park

For Kids Only, Ages 3-12

Saturday, June 28, 2014

8:00 AM to Noon (Rain or Shine)

Prizes Awarded for
"Most Fish Caught" and "Biggest Fish Caught" in each age bracket

Save the Date - Registration Is Required
Details & registration form available soon

Registration forms will be available on the Village of Frankfort website, www.villageoffrankfort.com.

Sponsored by the Village of Frankfort



Frankfort Amateur Rib Cook-Off

Saturday, August 2, 2014 – Breidert Green – Downtown Frankfort

Contestants Cook on Site • Public Tasting 1:00 PM to 3:00 PM • Music • Awards



Tickets are \$1.00 each for each rib piece tasting

Admission is free

Enjoy music on Breidert Green

Jaycees & Lions Club concession stands available for your enjoyment

Judging: Prizes awarded for 1st, 2nd, 3rd place and "Crowd Pleaser"

Judging 12:30 PM

Winners Announced 2:30 PM

To Be a Contestant:

- Download and complete the application and waiver form located at www.villageoffrankfort.com.
- **Early Registration:** \$75 (until June 30, 2014); after June 30, fee is \$100.
- Return the signed application and waiver form with the entrance fee to the Village of Frankfort, 432 W. Nebraska, Frankfort, IL 60423. **Checks made payable to: Frankfort Area Jaycees.**
- **Space is limited - Deadline to enter is July 18, 2014.**
- Jaycees provide meat day of event (15 slabs baby back ribs per contestant). Set-up Time: 6:00 AM - 9:00 AM.

Detailed application, rules, procedures, and waiver form can be downloaded from www.villageoffrankfort.com.

Sponsored by:

Village of Frankfort • Frankfort Area Jaycees
Frankfort Lions Club

Mark Your Calendar!

4th Annual Frankfort Bluegrass Festival

July 12-13, 2014

Breidert Green - Downtown Frankfort

Sponsored by the Frankfort Bluegrass Committee

Visit www.frankfortbluegrassfest.com for details and performer schedule



E.S.D.A Wants You!

VILLAGE OF FRANKFORT EMERGENCY SERVICES & DISASTER AGENCY

By Adam Nielsen, Development Coordinator

What is the Emergency Services & Disaster Agency (ESDA)?

ESDA is a volunteer public safety agency, with various missions. ESDA is used to safely coordinate activities, related to disaster mitigation, preparedness, recovery, and response. ESDA also assists the Village's Police Department during major emergencies, disasters, and community functions.

ESDA volunteers are asked to develop and maintain an Emergency Operations Plan, to develop a maintenance plan for the Village's Outdoor Warning Sirens, and to alert key officials and the public of impending emergencies.



L to R: Public Works employees Ben Grote and Geoff McDermott serve as ESDA volunteers who assist the Frankfort Police Department.

I have never heard of ESDA.

Although most of the public has never heard of ESDA, you have probably seen ESDA volunteers throughout the town. Whether there is a fire, traffic accident, or community event, Frankfort's

ESDA group is usually there. ESDA is used to provide traffic direction or detours, mobile lighting needs, and day to day safety operations.

You can help!

The Village of Frankfort ESDA group is currently looking for new volunteers. Although joining this group requires a certain amount of dedication, it does not require a large commitment of spare time. If you would like to become an ESDA member, we would like to hear from you. Village residents must be 21 years of age and older to apply. If you would like additional information, please contact Adam Nielsen at (815) 469-2177. ✿

It Starts With Us, from page 2

our water quality by creating more stringent standards for the amount of Chlorides being discharged into streams via our waste water treatment plants. Sodium Chloride (salt) is used to soften the water in our homes. After it is discharged from our softeners, it finds its way to our treatment plants. Unfortunately, there is no easy way to remove the salt from the treatment plant processing system without very expensive equipment upgrades.

Finally, Mayor Holland and the Board of Trustees have been committed to lowering the property tax rate paid by our residents. This commitment has

spanned the past decade. In order to accomplish this task, the Village of Frankfort relies very heavily on sales tax to fund village services such as snow plowing and police protection. We can help support a lower property tax rate by continuing to shop at businesses in Frankfort. Such action keeps important tax dollars in our community.

Once again, Frankfort is a great community because of our willingness to work together and do our part, because after all, it starts with us. ✿

Skiing Mount Frankfort



Mayor Jim Holland and Al Heath race down the double-black diamond ski run created from snow the mayor shoveled from his driveway.

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PERMIT NO. 130
FRANKFORT, IL

TO: POSTAL CUSTOMER
FRANKFORT, IL 60423



We Are Family, from page 1

department wear a uniform that is unique to the area of service they provide. Public works team members wear orange, while utility team members wear blue. The police department personnel are differentiated within the department. The patrol officers wear dark blue, part-time cadets are clad in light blue, and command staff in white. Departmental staff operate from multiple buildings as well. The police department is located at 20602 Lincoln Way Lane (north of Lincoln Way East High School), public works is 100 Sangmeister (just west of Center and the EJ&E railroad tracks), and the utility department is found at 524

Center. The remaining building, planning, and administrative staff are located at 432 Nebraska Street. Each of the locations called home by staff members is open to the public and available for tours by residential groups or homeowner associations.

Regardless of the location, Frankfort is home to each of us. We are happy to serve you and your neighbors. Being part of the "Frankfort family" is an honor and a privilege. Please feel free to let us know how we can serve you better. We are here to help - after all, isn't that what family is all about? *

Opportunities, from page 17
as they move toward their Lincoln-Way degrees.

As we look to the future, we will continue to build the AP program with new course offerings starting in the 2015-2016 school year.

We will continue to encourage our students to challenge themselves with these courses, and we commend our AP instructors for providing these high level learning opportunities for our students. *



Mayor's Message

By Mayor Jim Holland



Chlorides Leave a Bad Taste

Chloride, which is commonly called salt, is used as a seasoning, preservative, and road deicer. Salt is familiar to all of us. Many Frankfort residents also use salt to remove the hardness from the water through the use of residential and commercial water softeners.

We know that if we eat too much salt, it can be harmful to our health. It turns out that too much salt can also harm our local rivers and creeks. The Illinois Environmental Protection Agency (IEPA) has reduced the amount of salt that can be discharged into certain protected waterways which include our own Hickory Creek. Too much salt from our water softeners is making its way into Hickory Creek via our sewer system and with the new standards, a notice of violation has been the result. Frankfort must reduce the amount of salt,

Continued on page 23

We Are Family

By Administrator Jerry Ducaj



Village staff members Rob Piscia, Terry Kestel, Terry Reed, Cesar Mireles, and John Burica review architectural plans for the administration building expansion.

Living in Frankfort, each of us feels like we are part of something special. Our children receive a top notch education attending exceptional schools. Our community events and social gatherings are reminiscent of a time gone by when family and community were one in the same. As residents of Frankfort, we are part of a special family that will forever serve as a backdrop for stories shared with future generations.

Like all great stories, the Frankfort mosaic is made up of a wonderful cast of characters. Supporting those who call Frankfort home is a dedicated

team of public servants. These individuals keep us safe from crime, remove the snow from our streets, provide safe drinking water, and enforce quality construction standards within our community. Our workforce numbers 84 employees, a lean number for a community of our size, working all hours of the day and night to maintain the unique qualities of Frankfort. Each of our public servants has been chosen for our organization because of his or her commitment to providing the highest level of customer service to our residents. Bringing a diverse skill set, each team member plays an intricate role in the operation of an efficient and productive local government.

The employees of each village

Continued on back page

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VILLAGE OF FRANKFORT

Mayor Jim Holland
Village Clerk Keith Ogle
Village Trustees
 Cindy Corso Heath
 Robert J. Kennedy
 Todd Morgan
 Mike Stevens
 Dick Trevarthan
 Doug Walker

Village Administrator..... Jerry Ducay

Administration Office

432 W. Nebraska Street
 Frankfort, IL 60423
 Phone: (815) 469-2177
 Fax: (815) 469-7999
www.villageoffrankfort.com

Village Board Room

Frankfort Police Department
 Lower Level
 20602 Lincoln-Way Lane
 Frankfort, IL 60423

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER

is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,200.

Statement of Purpose: To inform the community of issues, policies, and personalities pertaining to government in our village.

Masthead By Vicky Cullen

A Show About Nothing?!

By Robert Piscia, Assistant Village Administrator



The village hall expansion project continues to progress well.

A couple of us at the staff level were bouncing ideas off each other to come up with articles for *The Villager*. As we were discussing topics, we were reminded of the Seinfeld episode where Jerry and George are trying to develop a theme for the show that they were writing. Eventually, George said: "How about a show about nothing?" You may ask yourself: "What does such a topic have to do with this article?"

George alluded to the fact that the show about "nothing" would follow the characters through what's happening in their everyday lives. Nothing flashy, just the everyday. Similarly, the Village itself continues to operate non-flashy, but exciting none the less.

One example: In November, in conjunction with our auditors, staff will present the comprehensive annual financial report (CAFR). This document provides an overview of the Village of Frankfort's fiscal health. Happily, once again, we are proud to

announce that we are financially sound, with our assets far outweighing our liabilities. What is even more exciting, the Village of Frankfort is operating virtually debt free, utilizing less than one percent (1%) of its legally allowable debt limit.

Another example is our capital improvements. The village hall expansion project has progressed well. The outer shell is nearing completion and the focus will shift to interior work. (We thank all of our residents for their patience while visiting the building during construction.) When completed, the new building will provide a spacious area for community use.

St. Francis Road and Steger Road have both been approved for Surface Transportation Funding. Both roads will be improved (widened) at a cost of only 20% to our community. Preparation of contract plans and bid documents will begin shortly, and hopefully, construction will commence next year.

Continued on page 23

Mayor's Message, from page 1

more specifically chloride, that is discharged from our sewer plants or possibly face legal action or fines.

Complicating this issue is the fact that neither our engineers nor the IEPA have a suggested course of action to remove salt from our wastewater discharge. Recent IEPA correspondence that directs us to take action to comply with the regulation is noticeably absent of any advice or directives to solve the problem. Frankfort officials have offered to undertake a campaign to encourage residents to dial back softener use and even to seek alternate water sources that diminish water hardness and the need to soften. All of our suggestions have been resoundingly rejected by the IEPA.

In response to this conundrum, the Village of Frankfort has petitioned the Illinois Pollution Control Board seeking to amend the classification of local waterways within the state. This

reclassification process has been supported by the IEPA and is currently the law in neighboring Wisconsin. Such a reclassification would allow for diversity in regulations applied to waterways rather than the single statewide classification in place today. The Pollution Control Board process is likely to take years. In the meantime, the IEPA has indicated it "may" encourage legal action by way of the State Attorney General. This problem, and the apparent lack of viable solutions, weighs heavily on those entrusted with leading our community.

The trustees and I believe that Frankfort is a community that takes the protection and preservation of our environment seriously. Previous efforts in the area of wastewater treatment and conveyance into local waterways have resulted in positive recognition by the IEPA. Our wastewater treatment processes have been touted as exceptional efforts by environmental groups. We believe that adherence to regulatory standards is to be

Nothing, from page 2

Finally, the downtown area is bustling with growth. We just completed a very successful summer event season. The country market, concerts on the green, cruise night, and the blue grass fest saw increasing attendance. A new "Sangmeister" building is being constructed that will boast a proposed restaurant and much needed office space. Mayor Holland and the Village

Board of Trustees approved the purchases of strategic downtown properties that will provide for future expansion of the Historic District.

So next time you watch that Seinfeld episode and say there is "nothing" going on, you can say to yourself, "Wait, there is a lot going on in the Village of Frankfort." *



Too much salt from our water softeners is making its way into Hickory Creek via our sewer system.

taken seriously. We insist that our employees operate within all regulations. The paradox of wanting to solve what appears to be an unsolvable problem will be the subject of much consternation in the coming months and years. The first step in acknowledging we have a serious issue has taken place. We must now pursue all options to bring about a solution.

One way that you can help is to avoid over softening your water. Follow the recommendations of your softener's manufacturer to reduce the regeneration time and reduce the frequency of regenerations. Last month, I decreased the time of my softener's regeneration and I increased the days between the regeneration cycles. So far, I have not noticed a difference in the water and I am looking forward to carrying less salt to the basement. We ask for your help and your patience with this issue. *



Keep the Wreath Red

As the holiday season begins, you will notice a large holiday wreath on the front of each of the Frankfort Fire Protection District fire stations. Each of the wreaths will be decorated with large red bulbs that will be illuminated during the holiday season. Should a fire occur during the holiday season that is determined to have been directly caused by a holiday decoration, a white bulb will replace a red bulb.

The idea is for the residents of the Frankfort Fire Protection District to be exceptionally safety conscious during the holiday season. Happy Holidays! *

Submit Your Winter Beautification Award Nominations!

Mission Statement

The mission of the Village of Frankfort Beautification Awards Program is to give public recognition to projects that exhibit functional and tasteful design and enhance the Village of Frankfort.

Submittals Due

Winter 2014 beautification award nominations are due no later than December 17 for presentation before the holidays.

Nomination Form

Logon to www.villageoffrankfort.com and click on "Hot Topics" to download the form. Complete the nomination form and return it to the Administration Building.

Award Categories

Residential Buildings • Commercial Buildings • Industrial Buildings • Other

Nominate a neighbor, a business, or a homeowner association for a beautification award!



CALENDAR OF EVENTS 2015	
<ul style="list-style-type: none"> • WINTER ON THE GREEN Sponsored by the Village of Frankfort Saturday, Dec 13, 10:00 AM - 1:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT CHRISTMAS MARKET Saturday, Dec 13, 10:00 AM - 4:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY LIGHTS Saturday, Dec 13, 5:00 PM - 8:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY WALK Sunday, Dec 14, 10:00 AM - 12:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY DINNER Sunday, Dec 14, 5:00 PM - 8:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY PARTY Sunday, Dec 14, 8:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY CELEBRATION Monday, Dec 15, 10:00 AM - 12:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY CONCERT Monday, Dec 15, 7:00 PM - 9:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY DANCE Monday, Dec 15, 9:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY BASH Tuesday, Dec 16, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY PARTY Wednesday, Dec 17, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY CELEBRATION Thursday, Dec 18, 10:00 AM - 12:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY CONCERT Thursday, Dec 18, 7:00 PM - 9:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY DANCE Thursday, Dec 18, 9:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY BASH Friday, Dec 19, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY PARTY Saturday, Dec 20, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person 	<ul style="list-style-type: none"> • FRANKFORT HOLIDAY CELEBRATION Sunday, Dec 21, 10:00 AM - 12:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY CONCERT Sunday, Dec 21, 7:00 PM - 9:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY DANCE Sunday, Dec 21, 9:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY BASH Monday, Dec 22, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY PARTY Tuesday, Dec 23, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY CELEBRATION Wednesday, Dec 24, 10:00 AM - 12:00 PM 100 N. Main Street, Frankfort, KY Free admission • FRANKFORT HOLIDAY CONCERT Wednesday, Dec 24, 7:00 PM - 9:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY DANCE Wednesday, Dec 24, 9:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY BASH Thursday, Dec 25, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person • FRANKFORT HOLIDAY PARTY Friday, Dec 26, 7:00 PM - 11:00 PM 100 N. Main Street, Frankfort, KY \$15.00 per person

Stay Up to Date With Village Events!

Newsletter Online

The current issue of *The Frankfort Villager* is now online at www.villageoffrankfort.com under "Quick Links." Check it out!

To receive free event updates every month, visit www.villageoffrankfort.com and under the calendar on the home page, click "Receive Email Updates." Complete the short form and submit! On the first day of every month, you'll automatically receive a calendar of events! It's that easy!

Trustee Talk: You Might Find This of Interest

By Trustee Mike Stevens



Let me start by saying that the Mayor and the Trustees appreciate the patience of our residents and

staff during the construction of the new village boardroom and community room. When this work is completed, we will have a facility that can be used by our entire community and one that we can all be proud of.

"Shop Frankfort" is a comment you often hear at our board meetings. Sales tax dollars are the largest source of revenue for the village. Even with the lowest sales tax in the area, we have seen our sales tax payments from the state grow at record levels. Our last three payments have all been over \$500,000.00, a number never reached by the village before. We are very fortunate to have two outstanding new car dealerships in Frankfort. They are among the very best in our state. Our grocery stores are a pleasure to shop at, and many of our local businesses are owned by residents. When you shop Frankfort, you are not only helping the community, you are helping a neighbor.

Our new water tower, at 80th Avenue and Steger Road, is now completed. This will add an additional one million gallons in

storage to our system. Work will be completed on two new wells and iron filters at the beginning of the year. This project will bring better water pressure to our system, and it will be done without borrowing money to pay for its \$6.7 million dollar cost.

We continue to see an increase in new home construction in Frankfort. It's at a level that can be managed very well. Last year we issued 86 permits and as I write this article in October, we are at 90 permits. With our outstanding schools, distinctive homes, and the overall quality of life in Frankfort, we should see these numbers continue to increase.

Our downtown beautification program continues to draw rave reviews. I have been told many times that the flowers and shrubs are absolutely beautiful. We look to improve this program and have asked for input from our downtown business owners.

We believe that this program only enhances the character of Frankfort.

Our Country Market enjoyed its best year to date. Over 50 quality vendors attracted huge crowds each Sunday to downtown Frankfort. Our Market Manager is already looking for those new vendors who can bring additional products to our market for next year. I don't think that there is any doubt that this is the finest market in the area and we thank all of you that attend this weekly event.

If you have been downtown recently, you will have noticed that the Sangmeister Law Office Building on Kansas Street has been torn down and a new building is going up. The developers of the Francesca's building are constructing a new 13,166 square foot, two-story building that will be the home of a new upscale Mexican restaurant

Continued on page 5



The Frankfort Country Market will return in spring 2015.

Police Programs Promote Safety

By Police Chief John Burica

The Frankfort Police Department offers many programs and services to our businesses and residents. We feel that when the community and the police work together, it makes the Village safer and helps to educate residents, encourages partnerships in information sharing, promotes safety, and stimulates open communications. If you are not aware, here is a list of some of the services and programs we provide and have available.

Citizen's Police Academy - A 12-week program to help citizens understand what it is like to be a police officer by participating in classroom and hands-on activities. The next program will start in March 2015 and space is limited, so watch for upcoming details.

TRIAD - A senior safety program that meets monthly to offer different safety presentations to area seniors. Two of the presentations are a Car Safety Check and a Health and Flu Clinic.

Seniors on Patrol - A group of senior volunteers that assist with some patrol functions, which include: patrols of Old Plank Trail, handicapped parking violations, radar details, and shopping/parking safety patrols.

Elderly Services/Domestic Violence Liaison - We offer additional resources and services by assisting in obtaining an order of protection and occasionally



Flanked by Officer Leanne Bender and Chief John Burica, resident Carolyn Williams displays her outstanding senior volunteer award presented at a recent TRIAD conference.

offering case follow-up assistance. Follow-up may include going to court with the individual to provide support, visiting him/her at home or the hospital; and getting an arrest warrant when needed.

Car Seat Installations - Many car seats are improperly installed. The Police Department offers car seat installation services to help educate parents on the proper way to install them for maximum safety.

School Programs - Some of the regular programs we offer at our schools include: Stranger Safety, DARE, Internet Safety, Bicycle Safety, Halloween Safety, Railroad Safety, Community Connections, Home Safety (Lincoln-Way Transition House).

Robbery Prevention - The Police Department offers crime prevention and other safety programs for local businesses and banks.

Homeowners Associations - We attend and speak at homeowner association meetings regarding issues and concerns, or just to provide crime prevention tips and crime trends.

Home/Business Security Surveys - Police personnel will come to your home or business and offer suggestions on how to make your property more secure.

Frankfort's Night Out Against Crime - A community night held the first Tuesday in August in which the Frankfort Police and the community take a stand together against crime. This night not only encourages community spirit, but is an opportunity for Frankfort residents to get to know the police force.

Career Fairs - Held at Lincoln-Way High Schools and local colleges, this is an opportunity to educate youth about careers in law enforcement and to recruit new hires.

Additional Presentations - Provide safety talks and educational programs for various organizations, churches, preschools, and park districts.

We hope that you can take advantage of the services the Frankfort Police Department offers. For additional information, please feel free to contact us at admin@frankfortpolice.net or (815) 469-9435. *

Holiday Activities at the Frankfort Park District

By Tom Carstens, Executive Director



The sled hill located at Commissioners Park features sledding under the lights and will be open daily as weather permits.

Get the whole family in the holiday spirit this winter season with the Frankfort Park District's many holiday events and programs.

Celebrate with Santa and Frosty on December 6 from 11:30 a.m. - 1:00 p.m. at "Lunch with Santa." Enjoy fun family entertainment, lunch, and a visit with Santa at which each child will receive a goody bag. The registration deadline is December 1 or until filled.

Cozy up in your pajamas and join

the elves for "Reindeer Games" on December 17 from 6:00 - 8:00 p.m. Games, a candy cane hunt, a holiday movie, and cookies and juice will be served at the event. Pre-registration is required. Additional holiday program festivities for children 3-1/2 to 9 years of age include "Cookies for Santa" on December 5, and no bake dessert recipes "Delicious Delights for the Holidays" on December 18.

Put on your party hat, grab your noise maker, and come celebrate New Year's Eve at the Park

District's "Countdown to 2015" (for ages 3-8) on December 31 from 11:30 a.m. - 12:45 p.m. Pre-registration is required.

This season, winter outdoor skating activities will again be located at Main Park. Two ice skating rinks will be installed; one designated for ice hockey and the other for open skate.

The sled hill located at Commissioners Park features sledding under the lights and will be open daily as weather permits.

We hope to see you at our winter events and programs as we look forward to a wonderful holiday season. If you have any questions, please contact the Park District at (815) 469-9400, or visit www.frankfortparks.org. *

Frankfort Township Food Pantry

Frankfort Township's food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the Frankfort Township Office, 11000 W. Lincoln Highway.

For more information, please contact Jodi Gallagher-Dilling at (815) 806-2761.

Frankfort Square Park District Dog Obedience Classes

By Jim Randall, Executive Director

The Frankfort Square Park District is proud to offer dog obedience classes, taught by Tanya Mikalojczyk. Tanya has been an instructor for 20+ years, teaching over 3,000 dog owners techniques of successful obedience training. Training and showing her own dogs in obedience and conformation has been a passion of Tanya's for the past 37 years.

Ten different levels of obedience classes are offered by the Frankfort Square Park District. Puppy kindergarten and beginner classes are offered for dogs that have little or no training. Multiple advanced and competition programs are available to provide increased levels of training and obedience. The small class sizes allow for individualized attention and hands-on learning with reward-based, positive reinforcement.

Private lessons are available to those interested in one-on-one instruction for competition advancement, or to help foster a



Alaskan Malamute Emma passed her obedience classes and received her Canine Good Citizen title, too.

well-behaved pet by identifying and modifying problem behaviors. Dog obedience classes are offered at resident rates to all individuals living within the borders of the Lincoln-Way 210 School District.

For more information on the Frankfort Square Park District, please visit our website at www.fspd.org, contact the park office at (815) 469-3524, or become a fan of our Facebook page for upcoming programs and events. *



Snowfall Parking Reminder

Per Village Ordinance, it is unlawful to park any vehicle, or for any vehicle to remain parked, on any street in the Village between 8:00 p.m. and 8:00 a.m. after a 2" snowfall.

We also ask that driveway snow not be pushed out into a recently plowed street. Thank you! *

Frankfort Area Historical Society Candlelight House Walk

Friday, December 5
5:00 P.M. - 10:00 P.M.

Tour homes decorated for the holidays and stop by our open house for homemade cookies.

Make a special stop at St. Peter's Church to celebrate the 100th anniversary of the church building.

For tickets, call (815) 469-6541.



Industrial Businesses Choose Frankfort

By Jeff Cook, Director of Development Services



Russo Power & Equipment opened its doors in late October.

Frankfort launched a new economic development tool in 2014 known as the Target Industry and Industrial Incentive Program (T3IP). The premise of the program is to provide small-scale incentives while reaching for large-scale results. So far, it's working.

Taking center stage is the first T3IP applicant, Russo Power & Equipment, which opened its doors at 21660 S LaGrange Road at the end of October. The company finished a complete makeover of the former Gas City buildings to make way for its

store, improving the appearance, creating jobs and producing sales tax revenue for the village.

Next, three new industrial buildings are proposed after years of stagnant to non-existent industrial development. As new industrial property value is added to the tax rolls, it helps moderate the propensity for future tax rate increases.

Finally, a significant but intangible attribute of T3IP is the recognition of Frankfort as a great community to locate your business. As quoted in the

Chicago Tribune, Eric Adams, President of Russo Power said, "What this program here really indicated during our search for a town was that you guys are committed to seeing business succeed." Add Frankfort's competitive property tax rate and it creates a recipe for success.

At the end of the day, industrial development benefits the residents of Frankfort by creating diversity in the tax base. Industrial businesses require less public service than residential uses, but they provide a great deal to the community by their very existence. Whether industrial businesses sponsor community organizations or events, their business to business offerings, employees' patronage of local businesses, or simply contributing their share of property tax, industrial development has a lot to offer, and we thank them for choosing Frankfort. *

Trustee Talk, from page 3 and other retail spaces. This will be a great addition to our downtown. The developers, Richard Wright and Greg Harper, also have graciously agreed to name it after the Sangmeister family.

One area that will be watched very closely this upcoming winter season is our use of road salt. The price has more than doubled, and the availability has become

more restrictive. Fortunately, our Director of Public Works bought all the salt that he could at the end of last winter. If we have a typical Chicagoland winter, we should be just fine, but we will continue to buy additional road salt when we can.

Discussing winter brings me to the upcoming holiday season. I hope that you and your family can join us for the tree lighting ceremony and to welcome Santa

and Mrs. Clause. This event will take place on December 4 at 6:30 pm at Breidert Green.

We welcome your comments on the many activities and programs that take place in Frankfort. Our phone number is (815) 469-2177. If you want to learn more about Frankfort, you can go to our website www.villageoffrankfort.com.

As always, thank you, and I hope to see you around town. *



You're Invited...

Village of Frankfort Tree Lighting Ceremony

Thursday, December 4, at 6:30 PM
Braidert Green, Downtown Frankfort

Welcome:

Mayor Jim Holland

Musical Selections Performed By:

Hickory Creek Middle School Choir • Lincoln-Way East Madrigal Ladies

Tree Lighting Countdown:

Mayor Jim Holland & Village Board

Santa's Arrival

Refreshments Will Be Served By:

Lincoln-Way East Interact Club Volunteers

Opportunities Beyond High School

By Dr. R. Scott Tingley, Superintendent of Lincoln-Way High School District 210

Lincoln-Way currently provides several ways for students to earn college credit while they are still in high school. Advanced Placement classes are one of these opportunities that Lincoln-Way students can get ahead in their college careers during their time at Lincoln-Way.

Advanced Placement Courses and Exams

The Advanced Placement (AP) program at Lincoln-Way has continued to build out over the past several years, and we now offer 29 different courses on the AP level at each of our four high schools.

Our AP offerings provide opportunities for our students to gain college credit in English, Mathematics, Science, Languages, and Social Science. Lincoln-Way students can earn college credit in such diverse courses as Psychology, English Language, Calculus, Chemistry, and Mandarin Chinese, just to mention five areas where our students excelled in 2014.

AP course offerings include: Biology, Calculus AB, Calculus BC, Latin, Macroeconomics; Microeconomics, European History, French Language and Culture, Human Geography, English Language and Composition; English Literature and Composition, Environmental Science, Calculus BC: AB Subscore, Chemistry,



Lincoln-Way East AP US History students engaged in learning from teacher Chris Olson.

Comparative Government and Politics; Music Theory, Music Aural Subscore, Music Non-Aural Subscore, Physics B, Physics C: Electricity and Magnetism; Physics C: Mechanics, Statistics, Studio Art: Drawing Portfolio, United States Government and Politics, Psychology; Spanish Language and Culture, Spanish Literature and Culture, United States History, and World History.

In these content areas, Lincoln-Way students can earn college credit by passing an AP exam, thus demonstrating mastery of college level content and skills.

The AP tests are intense, often lasting over three hours, requiring students to read and write at a demanding level; students must demonstrate the ability to analyze (examine a text or problem deeply) and synthesize (coordinate ideas and concepts from several sources) to succeed in the AP program.

A strong AP test performance demonstrates a strong under-

standing of material and the ability to read, write, and reason effectively at a college level.

In the spring of 2014, District 210 students took over 1200 exams, with well over 70% of those test takers scoring well enough to earn college credit.

Across Illinois, only 66% of AP students earned credit through these exams, and globally, only 61% of AP students reached the college standard.

Our top students are well prepared and take advantage of the opportunities that our superb teaching staff provides. In fact, some of our students have passed 10 or more AP exams, earning more than a year of college credit before they enter universities! This creates a wonderful tuition savings for their families.

District 210 is pleased to offer this avenue for our highly motivated students to experience rigorous, college-level curriculum

Continued on back page

Summit Hill School District Invites Advisory Committee Participation

By Barb Rains, Superintendent of Summit Hill District 161

In an effort to secure community involvement in the District planning process, we are facilitating a Superintendent Advisory Committee for each of the four Board Goals. The goals include:

- **Goal 1** - Improving student achievement by developing and implementing a challenging curriculum
- **Goal 2** - Ensuring a safe, inspiring and welcoming environment for students, staff, parents, and community members
- **Goal 3** - Strengthening communications and connections by establishing a communications program that directly helps the District achieve its goals
- **Goal 4** - Maximizing time, talent, and finances by aligning these resources to the mission



Anna Wroebel, Tyler Utt, Alex Stepinski and Kayla Patton from Mrs. Tracy DeCesare's 6th grade math class at Walker School share a math lesson with the Board of Education on October 22 as a way to communicate curricular expectations associated with Board Goal 1.

and goals of the District

Advisory topics covering Goal 1 include communication of curricular expectations, special education planning, and technology integration. Goal 2 topics include promotion of a positive school culture and school safety/anti-bullying. Goal 3 topics include development of our Future Leaders Cadre which features networking with area districts to gain a greater sense of community and also the development of community

partnerships to support student achievement. Goal 4 topics include the development of a multi-year plan for finances and the development of a plan for daily physical education in our schools.

The advisory committees meet periodically throughout the school year from 6 p.m. to 7 p.m. at the District Administrative Center. Interested parents, staff, and community members may call (815) 469-9103 for additional information. *

Shop Local, Shop Frankfort

Shop "Small Business Saturday"

Saturday, November 29, 2014

The Frankfort Historic Business Association is partnering with American Express to promote the Saturday after Thanksgiving as a day to shop small and shop local.

Support the effort by taking advantage of all the shopping opportunities Frankfort has to offer!



Winter on the Green 2015 Season

Beat the winter blues and join us for six fun-filled Sundays in January and February, 2015!

Sundays, 1 - 3 p.m.

Breidert Green in Downtown Historic Frankfort

❄️ HOT CHOCOLATE ❄️ COOKIES ❄️

January 11: Ice Fest

Experience the magic when an ice sculpture unfolds before your eyes during a demonstration by professional ice sculptors (1:30 p.m.). Ride the free heated trolley through downtown Frankfort and view ice sculptures on display. The Illinois Alaskan Malamute Rescue Association will be on hand with their beautiful dogs for your enjoyment. Bring your camera for great photo ops! What a "cool" way to spend your Sunday afternoon!

January 18: Frozen Carnival

Do you want to build a snowman? If you do, join the Frankfort Park District for a "Frozen" afternoon with family, friends and Frosty the Snowman! There will be dancing, winter carnival games, hot chocolate, warm bonfire and snowman building of all kinds.

January 25: Cardboard Iditarod & Winter Games

Bring your homemade cardboard sled and enjoy sled races on grass or snow at the Green! Visit www.frankfortlionsclub.com for sled details and ideas! Sled teams will be photographed and posted on the Frankfort Lions website. Enjoy football and hockey games on the Green. A great family event!

February 1: Super Bowl Supreme

Join the FHBA (Frankfort Historic Business Association) for a free tailgate box lunch and outdoor challenges to get you warmed up for the big game. Bring a can (or 2) of soup for the Township Food Pantry and be entered into our prize raffle. NOTE: No dog contests this year.

February 8: Chili Cook-Off

Battle of the Bowl!...CHILI WANTED: best aroma, bite, color, consistency, originality, flavor and heat! Contestant registration forms available at www.frankfortchamber.com (under the calendar of events) or at the Village Hall (432 W. Nebraska St). Fiery competition and sizzling free samples! Prizes awarded...Get Cookin'!

February 15: Valentine's Weekend

Bring your Valentine sweetheart to taste a variety of chocolate fondue delicacies prepared by the Rotary Club of Tinley Park-Frankfort! Visit with members of Frankfort Boy Scout Troop 270 while they demonstrate a winter campout and sample their hot cobbler made in Dutch ovens!

Share hot chocolate and cookies with family and friends at these free winter events!

Details for each event will be available soon at www.villageoffrankfort.com.



Kiwanis Club Honors Village Employee



(Photo courtesy of Jason Maholy)

At its annual awards dinner held on October 9, the Kiwanis Club recognized Frankfort community relations manager Mary Canino with its first Community Award, for her volunteer spirit and service to the organization and community. *

Iowa Tourists Visit Downtown Frankfort



Mayor Jim Holland welcomed 44 tourists from Iowa to Frankfort's historic downtown district on October 22, 2014. Hosted by the Chicago Southland Visitors Bureau, the tourists enjoyed a lunch at the Pickwick Tea Room in downtown Frankfort, and then shopped in the downtown district for the rest of the afternoon. This was one of several tours organized throughout the year by the Chicago Southland Visitors Bureau.



"It is always a pleasure to welcome visitors to our community. Frankfort has much to offer, and we are pleased to have been chosen for the tour," commented Mayor Holland. *

Christkindl & Cookie Walk Weekend

Christkindl & Cookie Walk Highlights

Saturday/Sunday, December 6-7 • 12-4 p.m.

Highlights include:

- Live reindeer visit on Sunday, 12-3 p.m.
- St. Nicholas in town (bring your camera)
- Horse-drawn wagon rides
- German Lantern Parade with St. Nicholas (Saturday at dusk, free lanterns for kids)
- Lots of free kid activities
- Cookie Walk 12-4 p.m. both days (Ticket required. Only 300 tickets will be sold!)

For Cookie Walk tickets and more information, visit shophistoricfrankfort.com or stop in at our FHBA merchants. Tickets will go on sale in mid-November.



157-C Students Show Good Character by Helping Others

By Dr. Maura J. Zinni, Frankfort School District 157-C Superintendent of Schools



Hickory Creek Middle School teachers show their school spirit. The tiger is the school mascot. (l-r) Dawn Gaertig, Matt Zemke, Cheryl Wojnarowski, Katie Ellinghaus, Diane Haas, Erica Morack, and Lauren Ruffing.

Wonderful programs are being conducted at all three schools where the children reach out to support others. Every year our students donate warm sweaters, gloves and coats to those less fortunate, bring in canned goods for the local food pantry, raise funds for children's hospitals, send care packages to soldiers, support an inner-city school with gifts for the holidays, visit nursing homes to sing and play Bingo with residents, and so many other heartwarming efforts

reflecting our "Character Counts" pillars.

There is a particularly touching program taking place at Hickory Creek Middle School where the theme "Earn Your Stripes" is a tribute to the school's tiger mascot. Students can earn stripes in academics, participation, spirit, responsibility and character. With this in mind, Hickory Creek and the Family School Partnership, with support from the other schools, have

teamed up to raise funds to grant a wish to a special child through the Make-A-Wish Foundation of Illinois. Wishes are granted to children with life-threatening medical conditions to enrich the human experience with hope, strength and joy.

The community is invited to join the students in this challenge. The goal of the team is to raise \$5,000 to grant the wish of a local child. You can share the power of this wish by participating in upcoming fundraising opportunities at Hickory Creek or donating online by visiting www.fsd157c.org, Hickory Creek, Make-A-Wish.

The children are learning good character by helping others. We thank our school leaders for making these outreach programs possible for the students and our families, staff and community for supporting them. *

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to: Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423 or logon to www.villageoffrankfort.com and click on "Contact Us."

Frankfort Chamber of Commerce Ready to Ring in the Holidays

By Karen Blake, Frankfort Chamber Executive Director



Local Gifts Galore, Touring, Reindeers and More! These are a few of the exciting events your Frankfort Chamber of Commerce will be participating in this winter.

SHOP: Friday, December 12 - Midnight Madness

We encourage Chamber Member Businesses to keep their lights on and doors open late into the night (6:00 p.m. - Midnight).

Participants will be listed at www.frankfortchamber.com in advance. Gather your friends and prepare a list of favorite local Frankfort shops to visit this evening for extra holiday cheer - the specials await you!

VISIT: Friday, December 5 - FAHS Candlelight House Walk

Five Frankfort residents invite you into their homes to view beautiful decorations and share in

the merriment of the holiday season. St. Peter's Church (celebrating 150 years) will be welcoming guests too. Ticket holders can also enjoy a special stop along their route at the Chamber Office (5:00 p.m. - 8:00 p.m.) where light refreshments will be offered.

PARTICIPATE: Saturday, December 6 and Sunday, December 7 - FHBA Christkindl Weekend

Families are invited to participate in the Lantern Parade, cookie walk, horse-drawn wagon rides, cookie decorating, and Santa's Secret Workshop. The elves and live reindeers will be back again, compliments of the Chamber.

Let the holiday festivities begin! *

A Safety Minute



Usher in the New Year with a safety check and replacement of all batteries in carbon monoxide alarms and smoke detectors. *



Thank You...

Mayor Jim Holland and the Frankfort Village Board wish to thank the volunteers, civic groups, sponsors and all the people who made Frankfort's events in 2014 so successful.



Thanks to the "Winter on the Green" event sponsors for warming up our Sundays in January and February.



Thanks to everyone who attended our annual Wellness Fair in February.



Thanks to the Frankfort Car Club for lining the downtown Frankfort streets with classic cars every Thursday evening.



Thanks to the loyal customers of the Frankfort Country Market for the most successful year to date.



Thanks to the many civic groups and volunteers who helped keep our Village clean during Earth Day 2014.



Thanks to those who attended our annual Memorial Day Ceremony to honor our veterans and their service to our country.



Thanks to our young Frankfort anglers and their families who enjoyed the "Get Hooked on Frankfort" fishing derby at Prairie Park.



Thanks to our families for making the first "Picnic on the Green" event a success.



Thanks to the Frankfort Chamber of Commerce, the hundreds of volunteers, various civic groups, school bands, B.E.T.A. Team, Lions Club, parade participants, historic downtown merchants, local businesses, residents, and the thousands of visitors who continue to make the Frankfort Fall Fest one of the best festivals in the Midwest!



Thanks to the "Movies on the Green" committee for hours of summer movie enjoyment at Breidert Green and to the Frankfort Kiwanis, Lions, and Knights of Columbus for serving popcorn to moviegoers.



Thanks to the "Concerts on the Green" committee for Sunday evening musical entertainment during the summer.



Thanks to the Bluegrass Festival committee for another successful event this past summer.



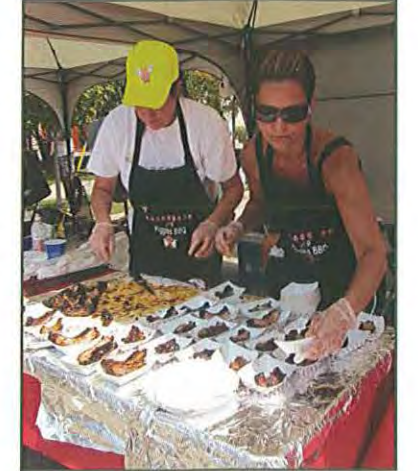
Thanks to our talented artists and all the visitors who enjoyed their beautiful artwork during our annual Fine Arts Fair in June.



Thanks to everyone who attended our "Night Out Against Crime" event in August.



Thanks to the Frankfort Area Jaycees, Frankfort Lions Club, and all the amateur chefs who made our annual "Amateur Rib Cook-Off" held every August a huge success!



Thanks to the Lincolnway Special Recreation Association for sponsoring the "Bike the Trail" event in August along Old Plank Road Trail.



Thanks to everyone who enjoyed our "September Sunset Music Series" concerts in the fall.



Thanks to the runners, walkers, and volunteers of our annual Old Plank Road Trail 5K Run/Walk.



Thanks to the families who brave the cold to visit with Santa during the annual Tree Lighting Ceremony on Breidert Green.



We look forward to your continued support of all our events in 2015! Check the website calendar for 2015 event dates and times, or sign up at www.villageoffrankfort.com and click on "Receive Email Updates" for automatic event information every month!



TO: POSTAL CUSTOMER
FRANKFORT, IL 60423



Charity Begins, from page 1

As you read this article, Chris is home recovering from a life-saving gift he gave to the relative of a co-worker. When hearing a seasonal worker discuss his cousin's need for a liver transplant last summer, Chris offered to get tested to see if he was a match. The young lady, only 25 at the time, who was in need of the transplant, suffered from an auto-immune disease that damaged her liver, giving her no chance of survival without a donor. After five months of intensive physical and psychological tests and interviews, Chris was deemed a match to provide a portion of his liver as a donor. Chris had never met the young lady, nor did he know the family; he simply saw a need and wanted to help. As a former Marine, duty and service are engrained in Chris' character. As a Code Enforcement Officer for

the Village, he enjoys a profession that allows him to assist people in difficult situations.

On March 16, Chris underwent a six hour surgery to remove part of his liver. Doctors say it will grow back in 60-90 days. In three to four weeks, he will return to work and move on with his life. The young lady whose life he saved will forever remember the man who saved her life. I cannot help but smile when I think that such kindness and charity began in the community of Frankfort. When it comes to Frankfort,



Heather Krueger

charity truly begins at home.

Update: Chris and Heather were released from the hospital on March 27. Both are doing well. ✿

Would you like to become a volunteer?

Many civic organizations are looking for people to work with them on various worthwhile projects. Listed below are a few of them.

- Frankfort Area Jaycees
- Frankfort Kiwanis Club
- Frankfort Lions Club
- Knights of Columbus

For civic group contact information, call the Village Administration offices at (815) 469-2177. ✿

Mayor's Message

By Mayor Jim Holland



Downtown Development

Your village government encourages quality retail development.

Great shopping experiences make life better while also helping to increase our tax base. In our historic downtown, a lively shopping and dining atmosphere brings additional benefits. Many village governments try to create a quaint historic downtown atmosphere to attract residents and visitors. Frankfort is fortunate to actually have a quaint historic downtown. Realtors who show homes in Frankfort will also show buyers from outside the area our beautiful downtown. Frankfort's downtown helps attract new residents to our community, which helps make our homes easier to sell. In 2015, Realtor.com named Frankfort as one of the most viewed areas for home purchases.

Our downtown merchants and restaurateurs are doing well and downtown properties

Continued on page 23

Charity Begins at Home – In Frankfort

By Jerry Ducay, Administrator

I have written many articles about the "family" nature of our community. The many wonderful volunteer, civic, and social organizations have long been touted as family-friendly, bringing residents together at local events and gatherings. Our staff and elected officials regularly interact with residents and business owners beyond traditional business hours and the confines of the village offices. Our community is like an extended family of friends and neighbors.

In keeping with the family environment of our community, our staff is encouraged to participate in volunteer activities throughout our town. Staff members from all departments serve as volunteer members of charitable and civic organizations. One such staff member, Chris Dempsey - Code Enforcement Officer, is a member of the local Kiwanis Club. Chris is no stranger to volunteerism, having organized a group of co-workers to fix up the home of an elderly resident on a Saturday. The long day of backbreaking work left all involved with a warm feeling of community pride as it brought tears to the eyes of the resident. Chris has stood on corners, cut his hair, jumped in frigid water, and countless other acts to raise



Chris Dempsey
Code Enforcement Officer

funds for local charities. He is but one example of what Frankfort is all about.

While the aforementioned efforts of Chris Dempsey are admirable, they are indicative of the efforts we have come to expect from all of our staff at the Village of Frankfort. Thus, such actions are not the reason for my recognition of Chris in this article. Rather, it is Chris' current charitable effort that warrants recognition today.

Continued on back page

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VILLAGE OF FRANKFORT

Mayor Jim Holland
Village Clerk Keith Ogle
Village Trustees
Cindy Corso Heath
Robert J. Kennedy
Todd Morgan
Mike Stevens
Dick Trevarthan
Doug Walker

Village Administrator..... Jerry Ducay

Administration Office

432 W. Nebraska Street
Frankfort, IL 60423
Phone: (815) 469-2177
Fax: (815) 469-7999
www.villageoffrankfort.com

Village Board Room

Frankfort Police Department
Lower Level
20602 Lincoln-Way Lane
Frankfort, IL 60423

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,200.

Statement of Purpose: To inform the community of issues, policies, and personalities pertaining to government in our village.

Graphic Design Vicky Cullen
Newsletter Editor..... Debbie Cox

Be Prepared...

By Robert Piscia, Assistant Village Administrator



A Public Works employee checks a storm drain inlet for cleaning after a heavy rainfall.

Finally, winter seems to be loosening its grip on the area. The snow that has covered the ground, which seems like an eternity, is gone. The warmer temperatures give everyone the hope of spring. Unfortunately, with spring and summer, comes the threat of heavy rains and potential flooding.

It is never too early to prepare for the "100 year" and "500 year" flood events that seem to be happening all too regularly. Since most people have basements, it is a good time to check your sump pump and/or battery backup to insure that it is working properly. If you haven't changed either in years, it is a great investment to have both replaced in order to avoid potential damage. Most new sump pumps cost under \$100 and can be installed fairly easily.

Homeowners can guard against severe losses if their basement does flood by taking preventive steps. Do not store important papers or items on the basement floor. If you decide to finish your basement, try to minimize installation of flooring that is susceptible to water damage,

such as area rugs or tile.

It is very important to verify whether or not your home is located in a floodplain. Usually, mortgage lenders will know this information, and they will require the homeowner to carry flood insurance. However, since FEMA is in the process of creating more detailed flood maps, some properties may have been added or removed from studied areas. Village staff can assist with the first steps involved in verifying this information.

Finally, homeowners can also prevent flooding by being proactive with potential obstructions around the outside of their house. Make sure that storm drain inlets are kept free from debris. If you add landscaping, especially berms, make sure they do not impede the flow of storm runoff, causing a potential flooding hazard.

We all know that heavy storms are inevitable. However, as mentioned, we can take steps to insure that these rain events do not have a devastating effect. It is always better to be prepared. 🌱

Mayor's Message, from page 1 available for rent go quickly. We are pleased to see the new building going up on Kansas Street. It will accommodate two new shops and a quality Mexican restaurant, but we continue to hear from other potential merchants who can't find space to rent in our downtown.

Studies of our downtown have suggested expanding the commercial footprint a little further north on White Street. Over the last two years, several of these property owners have listed their properties for sale. After considerable discussion, your elected officials decided to see if these properties could be acquired at their appraised values. Our motives were to combine parcels, rezone them to commercial use and then sell them to developers. The attached map shows properties that the Village has purchased from willing sellers over the last two years. All of the properties are now for sale to developers who will bring quality

buildings and tenants to downtown Frankfort.

We have acquired six parcels. One was a vacant lot and five were residential properties. Two of the homes were in poor condition and we removed them and planted grass in their place. We have offered the other three homes for sale without the land. Buyers will have to move the homes. The house on White Street, next to the Prairie Park parking lot, is quite attractive and we really hope that someone can find a suitable location for it.

We also acquired the Fra-Milco cabinet shop property, an industrial parcel located at the corner of Elwood and Smith Street. It is close to residential properties and might be best suited for townhome or condominium use.

Your elected officials are a conservative group. We recognize that using your tax money to purchase property for commercial



Village officials have purchased six parcels in the downtown area.

development is unusual. We believe that by purchasing and combining these parcels now, all of our residents will benefit from an improved downtown. We have advised builders who work in historical downtowns throughout the Chicago area about the availability of the properties; and we have advised them about our quality expectations for development. Even as the commercial development economy improves, we still expect it to take some time before we find the right developer and proposal for construction to begin. When it happens, the people of Frankfort will benefit significantly from an even more vibrant downtown. 🌱



This village-owned house at 11 N. White Street next to the Prairie Park is available for purchase.

Make Summertime Memories at the Frankfort Park District!

By Tom Carstens, Executive Director



Last year's runners and walkers at the start of the annual Short Run on a Long Day 5K Run/Walk at Main Park.

New this spring, join us at Main Park in Celebrating Earth Day (April 18) and receive a tree sapling to plant. Stay cool at the Splash Park at Commissioners Park, opening for the season on Saturday, May 30, with free admission on both Saturday and Sunday. Splash Park rentals are available. Throughout the summer, the Park District will be holding three Parties in the Parks (June 8, July 13 & August 10), each held at a different park. Spend summer nights with friends and popcorn at Movies on the Green (June 3, July 8 & August 5).

Save these upcoming dates for the annual summer special events

planned throughout the parks. Go hunting for treasures at the Kid's Garage Sale (May 16) and the Frankfort Community Garage Sale (June 6). Join the 5K Run/Walk activities for the 15th Annual Short Run on a Long Day (June 17) at Main Park. Enjoy the 4th of July Celebration (July 4) at Main Park, with a live band and a spectacular fireworks display at dusk. Have fun on one of the last nights of summer at Commissioners Park by attending our 6th Annual Back to School Bash (August 21). Enjoy free, unlimited games, giant inflatables, a train ride, and splash park. (Bring a school supply to be donated to the Frankfort Area Jaycees School Supply Drive).

Offered once again this summer at Commissioners Park is Fort Frankfort Adventures - Summer Day Camp. In-person registration is required at our main office located at the Founders Community Center, 140 Oak Street. (A birth certificate must be presented at time of registration). This day long camp for children entering 1st - 6th grades runs Monday - Friday from 9 - 4 PM, with before and after camp options consisting of new field trips, pool days, arts & crafts, outdoor activities, and team building games. Week long specialty Mini-Camps for ages 2 - 8 years include "Me Two" Camp, Tiny Tot Summer Camp and Fun in the Sun Mini Camp.

For program and event details, see the summer brochure available at the Founders Community Center and online at www.frankfortparks.org at the end of April. Become a "Fan" of the Frankfort Park District on Facebook for special announcements and up-to-date news. Sign up for our E-newsletter online and come join the fun at the Frankfort Park District! 🌸

Frankfort Township Food Pantry

Frankfort Township's food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the Frankfort Township Office, 11000 W. Lincoln Highway.

For more information, please contact Jodi Gallagher-Dilling at (815) 806-2761.

Trustee Talk: What Makes Frankfort So Special?

By Trustee Cindy Corso Heath



There are several high quality, small suburbs, but why is Frankfort so special? Why does everyone consider our town a jewel? It's no accident. For decades, residents and their chosen representatives have brought to life their shared vision for this thriving community. In the early 1980's, as a new resident of Frankfort, I was fortunate enough to be included in a feedback group for residents. I clearly remember a few of the recommendations. Frankfort should have sidewalks and bike trails connecting parts of town. We needed to be able to buy groceries in town. The preservation of our 1890's heritage, including the enhancement of our historic downtown, should be a priority. Surveys taken in subsequent years have confirmed those results and added a few, such as maintaining the high standards of development, improving the quality of the water, and adding more medium priced stores and restaurants.

Many years later, Frankfort's Village Board is still working with those goals in mind. In the meantime, quite a few grocery stores and retail establishments have chosen to open in town. We've expanded bike and walking trails by utilizing grants and including them in the design

for new subdivisions. You can now eat out every night of the week with a great variety of choices. Voter referendums rejected getting water from Chicago, but all new wells have been dug with iron removal facilities as a part of the infrastructure.

We, as residents, play a big part in the success of those goals. Every time you shop or eat in Frankfort, you're not only contributing sales tax revenue to the town (sales tax is our largest source of revenue), but you're helping to ensure that those stores continue to make Frankfort a place to shop.

We, the Village, have comprehensive plans covering development, utility systems, and bike trails which are routinely updated with the input of residents. For example, in 2007 we approved a plan for the revitalization of the Historic District. In the past few years much work has been done to that end, with the construction of a new stage, enhanced

downtown landscaping, new building, and more free events. The Village has recently acquired properties in old downtown which will serve to enlarge the commercial district per the plan laid out in that Strategy.

So why is Frankfort a Jewel? It's long range planning with the input of residents. It is important for residents to give feedback to their elected officials. We always listen, even though it may take time to implement changes that meet our high standards. Sometimes it's a tradeoff between goals. Residents want low taxes, but they also want high quality schools and excellent services. We may want slower speed limits, but hate getting a traffic ticket. Please continue to give your feedback. An easy way to do this is via the form included in this Village Newsletter. Or you can attend board meetings, and perhaps even volunteer to serve on one of our Village Committees someday. 🌸



Frankfort's Country Market is one of the events that adds to the revitalization of the Historic District.

Police Body Cams

By Police Chief John Burica



Frankfort Police will implement body cam technology when guidelines have been established by the state legislature.

Recent events throughout the country have brought much debate to the use of police "Body Cameras." You may not know that the Village of Frankfort was one of the first agencies in Will County to begin using in-car video cameras over 15 years ago. We now equip our entire patrol vehicle pool with cameras that include audio microphones that the officers wear while on patrol. Cameras have been beneficial to the Village and the police department in getting convictions, dispelling false allegations, assisting in training officers, and as a way to substantiate accusations if they are made during traffic stops. The one drawback with in-car cameras is they remain with the car, which is not always where interaction occurs when dealing with situations outside of vehicle stops. For officers to use in-car cameras, the Illinois Legislature had to create an exemption to the law regarding eavesdropping. The exemption allows an officer to record ONLY traffic stops, and they must be recorded with audio and video simultaneously. The law does not exempt or address "body cams."

Now we hear about departments implementing or starting a pilot program for body cams; but why aren't all departments using them, and most of all, why not Frankfort? First things first; what is a body cam? They are small cameras that are worn by an officer, which provide continuous video everywhere the officer goes. The cameras can be attached to an

officer's shirt, a pocket, glasses, or a hat. The idea is that the camera helps to provide the officer's point of view, one that cannot always be captured by an in-car video. As we often see, there can be many different opinions on exactly what happened during a police interaction. Video helps capture an unedited version of the interaction, without prejudice or preconceived notions.

Maybe that seems to be enough to understand some issues; however, there are many more concerns that come up with the cameras. As we all know, in-car cameras are only going to capture video from areas that a car can access. An officer is mobile, going many places and capturing many different situations. This mobility now leaves the department with video and audio of private conversations, the inside of a house, or other situations in which a person may have an expectation of privacy. Questions arise as to what is done with the videos and whether or not they are accessible to the public as the current law would allow. Do we

want the nosy neighbor to have access to a domestic situation or family matter? How long does a police department have to retain these videos? It has been estimated that over the course of a year a single officer on a routine day with 8-12 public interactions, not including arrests, will need over 10 terabytes of storage to preserve the video for that one officer. If one doesn't understand computers or terabytes, that is a lot of storage and will become very expensive to maintain and backup.

The Frankfort Police Department supports the use of body cams, as it did in-car video cameras. We have seen the benefits of having this tool available to everyone involved. With that said, the cameras are not the "magic bullet" that will resolve every issue, but it is a tool. Cameras still have to work, must be pointed in the right direction, and capture the incident. Proper operation of the equipment is not always the case and may cause additional issues; however, Frankfort Police will be ready to implement this technology knowing that we can use it to assist in illustrating what happened. Once we have clear parameters of how and when body cameras can be used, we will move forward. Until then, we will continue to work with Police Associations, our state legislature, and our community to push for laws to make this technology functional for communities throughout Illinois, and of course, in Frankfort. 🌸

Frankfort Square Park District Community Park Redevelopment

By Jim Randall, Executive Director



Rock outcropping located at pond edge in Arbor Park. This Arbor Park improvement was also made possible through OSLAD grant funding.

After almost four years of planning and two comprehensive grant applications, the Frankfort Square Park District received notice from the Illinois Department of Natural Resources that our application was approved. Community Park, located at the corner of St. Francis and Frankfort Square Road, is one of the oldest FSPD parks, established through referendum funding in 1974. After 41 years, this park site will now receive much-needed renovation.

The OSLAD grant application included letters of support from local government officials, but equally important was the support of surrounding residents. Residents that also sent letters of support, attended public hearings and provided input on the park's development. I frequently note that the way things happen is always the same; they begin with residents forwarding ideas and requests to the Park Board. Park improvements will include a

re-purposed tennis court, creating 20 garden plots and six ADA accessible planters available to residents. Solar-lit pathways and a green roof picnic shelter will make the park more accessible. Game tables, bag toss, bocce, horse shoe, and pickle ball courts will provide a little friendly competition. Pond improvements, including native plantings and a rock outcropping, along with native trees, will improve the

aesthetics, with interpretive signage adding an educational component.

For more information on the Frankfort Square Park District, please visit our website at www.fspd.org, contact the park office at (815) 469-3524, or become a fan of our Facebook page for upcoming programs and events. 🌸

Monarch Butterflies, from page 20

Seed We Give Them.

- GCI is working with Ward Johnson's 501c3 charity, Save Our Monarchs Foundation from Minnesota, (PO Box 390135, Minneapolis, MN 55439), which is dedicated to giving away 350,000 swamp milkweed seed packets free by 2016. Visit

www.SaveOurMonarchs.org.

- Individuals - Plant milkweed seed where you see there is none. (Not near farmers' fields.) Collect seed in the fall and get it to Kay MacNeil for distribution to agencies. If you have no source for seed, contact Kay by sending a stamped self-addressed

envelope and \$2.00 for three kinds of seed and instructions.

Questions?
Kay MacNeil
GCI Milkweed for Monarchs
Chairman
689 Golf Club Lane
Frankfort, IL 60423
Phone: (815) 469-1294
kaymac60423@yahoo.com 🌸

Frankfort Fire District Update Special Operation Group Training

By Robert Wilson, Assistant Chief of Operations



The Frankfort Fire District is called for service about 4,000 times a year, and we assist our residents in a vast array of

emergencies. The Frankfort Fire District has 57 trained personnel that respond to a number of incidents on any given day. Of those members, many have chosen to participate in special groups that respond to diving underwater search/sonar team, hazardous materials team, fire/arson investigation and technical rescue, such as Urban Search and Rescue.

These members train each month in the various special teams and educate the other members of the organization as first responders. This past month, the water rescue team performed annual training on responding to a person falling through ice. The team members were the victims that wore dive suits and were placed in an open hole in the pond, and members would work together using

various skills and techniques to remove the victims. The water team also is certified as a swift water team in the event of flooding, car in the water, or a drowning in a body of water.

The other special teams are busy, too. Frankfort has two members of the hazardous materials team who recently attended a class in Pueblo, Colorado, related to freight trains that carry crude oil. In early March, a freight train carrying crude oil derailed and caught fire in Galena, Illinois. The members returned back and educated our staff on handling this type of event.

Also, remember as the weather warms up, the bodies of water that may appear frozen will begin to thaw, so please be aware of thin ice. ❁

Let's Bring Monarch Butterflies Back to Frankfort

Kay MacNeil, Guest Contributor

You may have read many statistics about the catastrophic plummeting number of monarchs seen in Mexico, their migration site, and all across the Midwest. Each of us, although we are only One, can help reverse monarch numbers and ensure there will be monarchs in our future. And that is... Plant Milkweed! - the only plant that monarchs will lay their eggs on, the only plant monarch caterpillars will eat! Every member of the public can help bring back monarchs, one

milkweed plant at a time.

Milkweed For Monarchs, a Garden Clubs of Illinois initiative, will be a multifaceted project involving perennials, swamp milkweed (*Asclepias incarnata*-not invasive), butterfly weed (*A. tuberosa*-not invasive), and common milkweed (*A. syriaca*).

- Garden Clubs of Illinois (GCI) is working with the Department of Transportation to get milkweed seed into any roadside



construction project around the state. IDOT officials have announced *They Will Use All The*
Continued on next page

Chloride Violation... What's the Latest Development?

By Tony Minette, Utilities Director

As most of you are aware, the Village is in a precarious situation. Too much chloride (salt) is being discharged into our creeks from its wastewater system, resulting in a violation of our discharge permit from the Illinois Environmental Agency (IEPA). The chloride is sourced from softeners located throughout the system, and the IEPA says it needs to be removed. Over the past year, the Village has worked hard to help its residents and customers understand the complexity of this violation through our "Public Education Campaign." In the winter 2014 edition of *The Frankfort Villager*, Mayor Holland reinforced this message with a summarization of the paradox we face in trying to solve what appears to be an unsolvable problem. The IEPA has struggled to lead us to an acceptable solution for our violation. As the IEPA works to provide an



Protecting our streams is important to all of us. Shown: Hickory Creek near St. Francis Road.

appropriate course of action, the Village continues to work with the community through education to reduce its salt usage.

So let's summarize the progress of our educational campaign thus far: First, an educational pamphlet was sent out to all utility customers in their water bill asking everyone to "Dial It Back," i.e., turn back the regeneration times on their water softeners to reduce the amount of salt used. Second, Mayor

Holland's November 2014 newsletter article outlined the details of the violation and various comments from the IEPA. Finally, we produced an informational public service announcement (PSA), appropriately dubbed "The Dial It Back" video, providing various tips for residents and customers on how to reduce salt usage. I encourage all residents and utility customers to watch the video, as it provides valuable information on strategies to lower salt usage. Log onto www.villageoffrankfort.com and click on "FCTV on Demand."

So what's next? Moving forward, we will continue our educational campaign to "get the word out there" on ways to reduce chloride discharge into our creeks due to water softener usage, until a reasonable solution is reached with the Illinois Environmental Protection Agency.

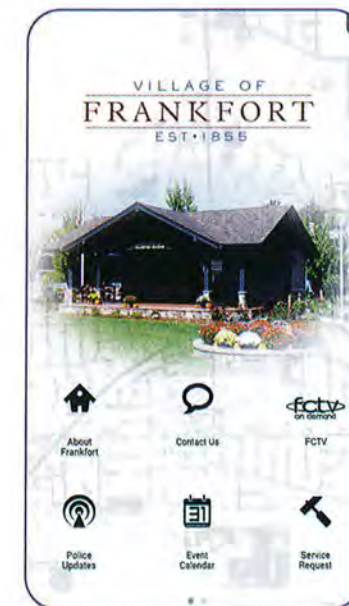
If you have any questions or concerns regarding this article, or any other utility-related topic, please call the Utility Department at (815) 469-2177. ❁

Village of Frankfort Mobile App!

Download a free mobile app from iTunes (Apple products) or Google Play (Android products) and stay connected to the Village with your mobile device!

Search "Village of Frankfort" to download the free app!

**You're on the go
and so are we!**



New Development on the Rise

By Jeff Cook, Director of Development Services



The new Sangmeister Building will house an upscale Mexican restaurant.

If you've visited downtown recently, you probably saw the new building under construction at 28 W Kansas Street. Centrally located and bookended by existing restaurants Francesca's Fortunato and Smokey Barque, the new building will be occupied by a Mexican restaurant operated by the Francesca's Restaurant

Group. Additional retail stores are planned to occupy the remaining space along Kansas Street with office uses on the second floor.

On the south end of town, Riverside Hospital will begin a major construction project to erect a 20,000 square foot medical

office building at the southwest corner of LaGrange and Steger Roads. The building is the first phase of a 26-acre development that could include senior housing and other medical offices in the future.

Returning to downtown, the Economic Development Committee heard a proposal to acquire the land that formerly was used for Fox Lumber's storage yard. In this location an event center is proposed to accommodate about 250 people. Although the proposal is in the early stages of development and review, continued interest in new development further solidifies downtown as a destination and center of community activity. ✿

Reverse 911 Call Communication

Rich Misiorowski, Guest Contributor

Frankfort residents phone 911 to contact our Fire - Police personnel for assistance. Conversely, our Fire - Police personnel use a system, commonly referred to as REVERSE 911, to contact us to communicate community-wide alerts, evacuation notices, etc. The communication path between residents and the Frankfort Police and/or Frankfort Fire District departments includes our regional Lincoln Way 911 Call Center, and at times, the Will County Emergency Management Agency (EMA).

Agencies making a REVERSE 911 call will "dial" the landline phone

number associated with a specific home address using AT&T's landline data information. Many Frankfort residents no longer have landline phones; they have switched to cellular or computer based phone service. Since there is no longer a phone number associated with their home address, these residents will not receive a REVERSE 911 phone call unless they create an account with Will County EMA. These residents are highly encouraged to log onto willcounty.smartmsg.com to create their account and provide cellular (or computer based) phone numbers that are to be linked to their specific street

address. Landline phone users can do the same; they will then receive REVERSE 911 phone calls on their home phone, and as a bonus, a replicate call on their cell phone(s). Also, a cell phone can be registered as though it were a landline-based phone. Reverse 911 also allows a cellular-based unit that doesn't display text messages to give information in a text-to-speech message. This would be an option for visually-impaired individuals who use cell phones but can't read text messages. Residents can also be set up to receive alerts to their email account from the Reverse

Continued on next page

Library to Open New Learning Annex in May

By Pierre Gregoire, Executive Director



Your library is preparing a leap into learning, lessons and literature, as we complete our large addition to the building. The library will open the Learning Annex in May, 2015, comprising over 9,000 square feet of public space - half again as large as the existing library!

The Learning Annex will house: the public computers; a learning lab/classroom; 3 new study rooms; and a 1,500-plus square foot meeting room which can be divided into two. Future programming will include author visits, extended exhibits from Art to Zoology, maker fairs highlighting work created in the learning lab, learning experiences in Astronomy, Science, Authorship and Entrepreneur support.

The John S. and James L. Knight Foundation provides a perfectly phrased description of the goals

of the renewed library: "Three key assets of libraries that we hope to build upon: librarians, the highly trained human capital that specializes in finding and sharing information; the public trust and goodwill that libraries have built as trusted institutions; and libraries themselves, the physical assets where people can safely gather with their neighbors."

We are dedicated to providing the people of the Frankfort Public Library District with excellent collections that engage and

inform, support creative endeavors in the arts and sciences, and help to grow inspirational leadership in all ages of the community.

You can follow library construction as well as all our programming and recommendations on our Facebook page: <http://www.facebook.com/FrankfortLibrary> and our regular web site: <http://www.frankfortlibrary.org/>.

We want to thank George Allen Construction, Olivieri Bros. Architects and Standard Bank for such a smooth and efficient construction project and especially our Board of Library Trustees: Keith Ogle, President; John Clavio, Vice President; Cristina Ruiz, Treasurer; Barbara Fox, Secretary; John Tylk, Jan Look and Lisa Stephens, Trustees; for their guidance and direction. ✿

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to: Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423 or logon to www.villageoffrankfort.com and click on "Contact Us."

Celebrating Our Dedicated Volunteers

By Dr. Maura J. Zinni, Superintendent of Schools, Frankfort School District 157-C

National Volunteer Week was established in 1974. This year it will be observed during the week of April 12-18 with the theme of "Celebrate Service." According to Points of Light, the world's largest organization dedicated to volunteer service, National Volunteer Week is about inspiring, recognizing and encouraging people to seek out imaginative ways to engage in their communities. It's about demonstrating to the nation that by working together, we have the fortitude to meet our challenges and accomplish our goals.

National Volunteer Week is the perfect opportunity to publicly celebrate the service of our District 157-C volunteers. We are grateful to all of our dedicated



District 157-C Family School Partnership (FSP) volunteers worked at the annual Book Fair.

volunteers for their ongoing commitment to benefit our students. We thank the members of our Athletic Boosters, Band Boosters, Chorus Boosters, Education Foundation and Family School Partnership who give so much of their time and talent to

keep "excellence in education" their primary focus. We also appreciate the many parents, staff and community members who support the efforts of these organizations or volunteer to help our schools in other ways. Additional volunteers are welcome! If you would like to volunteer in any of our schools, please call the District Office at (815) 469-5922.

In the words of President Franklin Delano Roosevelt, "We cannot always build the future for our youth, but we can build our youth for the future." Thank you again for the service of our wonderful volunteers. You are enhancing education and making a positive impact on the future of our students! ✿

Summit Hill School District 161 News

By Barb Rains, PHR, Superintendent of Summit Hill District 161

We'd like to share some exciting plans that currently are being developed to support District 161's continued transition to the new Illinois Learning Standards. During the 2015-16 school year, we will focus on professional development.

Technology Integration

We will deploy carts of student tablets for classroom instruction at each grade level. We also will begin to deploy re-purposed laptops for use at centers in the elementary buildings. We will continue our focus on teacher training in technology integration and cloud file sharing.

English/Language Arts Resources

We are investigating the possibility of integrating some e-novels with paperbacks in Grades 6-8 English/Language Arts classes. We also are reviewing various resources to support our junior high English/Language Arts instruction.

District Climate Survey

The Spring survey of staff, students, and parents will take place in April. The results will be compared to our Fall results. The goal is to monitor our climate so that it remains conducive to

student achievement.

Daily Physical Education

We have created a plan to implement daily PE in all grade levels. Daily PE is a state mandate. We have been working with our Physical Education Teachers and our Supt. Advisory Committee for Goal 4 throughout the year to fulfill this mandate.

We will continue to share the progress being made on these initiatives as we solidify our plans to continue to support staff in helping our students achieve academic success. ✿

Working Together For Successful Parkway Trees

By Terry Kestel, Superintendent of Public Works

With the Village's Emerald Ash Borer program completing its third year, I feel that it's important to update the residents on what has been completed and to offer some tips on contributing to the success of the program.

By late spring of 2015, a total of over 1,600 of the 3,400 total parkway Ash trees throughout our community will have been removed and replaced. The initial year had over 260 Ash trees removed and replaced. The following two years saw that number increase significantly to 650 and 690 trees removed and replaced, respectively. This increase can be attributed to the drought conditions weakening the trees, allowing the effects of the Borer to accelerate the deterioration of the trees.

The trees that have been planted as replacements also can be

affected by dry conditions during the growing season. During the first season, the Village provides watering bags and waters the trees to allow the proper amount of water to slowly saturate the roots. During the second and third years, the Village asks the residents to continue providing water to the trees. The common rule of thumb is to provide just enough water to keep the mulch around the tree damp without leaving standing water after a few minutes. After the tree has been growing in the ground for a few years, the roots will be established, allowing the tree to withstand a wider range of water conditions on its own.

The Village will continue to monitor parkway tree conditions during the summer months, which will help establish the number of Ash trees to be removed and replaced in the



future. However, we ask for your continued assistance in maintaining healthy parkway trees. With the Village and residents working together, the outcome of the tree replacement program will be successful.

If you have any question regarding parkway trees, please contact Frankfort Public Works at (815) 469-2177. ✿

911, from page 6
9-1-1 system.

FYI: Some cellular phones are equipped with Wireless Emergency Alert (WEA) Technology, a distance-based system, not associated with a phone number. WEA-enabled cellular phones are designed to automatically receive an alert when they are in the receiving range of any cell tower broadcasting a WEA message. Contact your cellular phone provider for more information. Will County EMA "Reverse 9-1-1" is not

generally used to relay weather alerts. Due to the time delay involved in manually sending it, residents can get faster notification through a variety of weather-specific apps and/or services, some of which are free.

Our Frankfort Police department also employs the NIXLE system to email and/or text important community-wide notifications to village residents. To keep informed and abreast of Frankfort's road closures, residential burglaries, safety tips,

etc. go to www.villageoffrankfort.com, and under "Quick Links" select "Police: NIXLE-Community Alert Sign-Up." It is apparent that one of the objectives of Frankfort's first responders is to communicate critical information to Frankfort's residents in a timely "As Soon As Possible" basis. However, we residents must provide them the "key" into our end of this vital communication link. SIGN UP TO THESE SYSTEMS AND BE SAFER! ✿

Frankfort Launches Convenient Water Bill Website

By Cheryl Scott, Assistant Finance Director

The Village of Frankfort recently launched a new online water bill payment website. You may view your utility bill, sign up for email bills and/or pay your bill online.

How to Sign Up

Go to www.frankfortutilities.com to create an account for the website. Click on the "Request New Account" button. Once you enter some basic information, the website will email you a generic password. Use this generic password to log in for the first time. You may change your password to something more memorable by going to "Settings" and "Change Password."

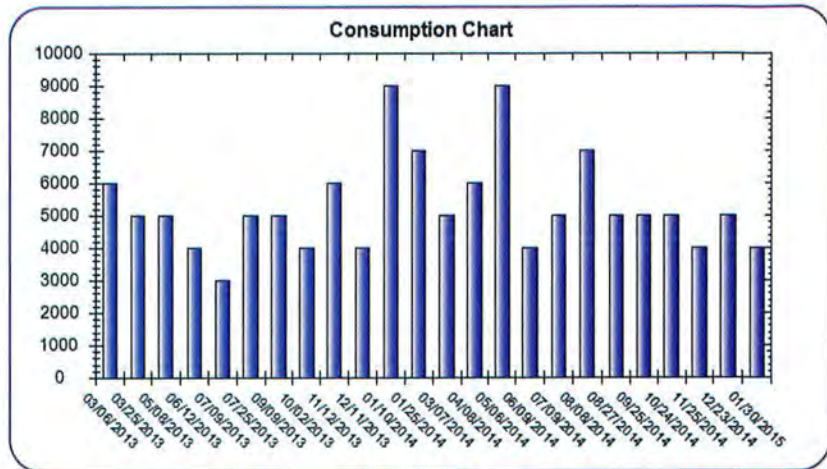
Website Information

View account information at any time of day, such as consumption history, billing history and a consumption chart.

The consumption chart displays your water usage pattern, which can make it easier for you to manage water usage or budget for months that are typically higher.

Sign Up for Email Bills

Once you log in, click on the



"E-Billing" button at the top. Put a checkmark in the box to receive an E-Billing notification that alerts you when a new water bill amount can be viewed online.

Make a Payment

Click on the "Make Payment" button to pay by eCheck, credit card or debit card. You may also enroll in automatic credit card payments by clicking on the "AutoPay" button. If you would rather have automatic payments taken out of your checking account, then please fill out our Automatic Payment Authorization form. Return the form with a voided check to Village of Frankfort, 432 W. Nebraska St., Frankfort, IL 60423.

Other Payment Options

Utility bills can still be paid in person at the Village Administration building during the regular office hours of 8:00 a.m. to 5:00 p.m. Checks and payment stubs can also be left in our drive-through dropbox, which is located outside of the Village Administration building. Please feel free to call us at (815) 469-2177 to make a credit or debit card payment over the phone, 8:00 a.m. to 5:00 p.m., Monday through Friday. In addition, utility customers can still pay their bill at the E-Pay website, which can be found by going to www.villageoffrankfort.com, clicking on "Pay Your Water Bill" under the "LIVE" section, and then clicking on the "E-Pay Website" link.

We hope you enjoy the convenience of these various options for paying your utility bill. 🌸

Hydrant Flushing Schedule

April 27 through May 29

September 14 through October 16

Hydrant flushing details are online at www.villageoffrankfort.com under "Live" and "Village Services." Check it out!

Spotlight on Education

By Dr. R. Scott Tingley, Superintendent of Lincoln-Way High School District 210



The Class of 2015 valedictorians and salutatorians from all four high schools. Seated left to right: L-W Central's David Zolecki and Maddie McLaughlin; L-W East's Brianna McKenna and Sedona Cody; L-W North's David Arnold and Alison DeBruyn; L-W West's Jacob Gasparich and Raymundo Muro Barrios. Standing, left to right: Board president Dr. Arvid Johnson, principals Dr. Steve Provis, Dr. Sharon Michalak, Dr. Mark Cohen, Dr. Monica Schmitt and superintendent Dr. R. Scott Tingley.

The Lincoln-Way High School District 210 Board of Education recognized its top academic students, the Class of 2015 valedictorians and salutatorians from Lincoln-Way Central, Lincoln-Way East, Lincoln-Way North, and Lincoln-Way West high schools.

This select group of individuals has chosen to set themselves apart and achieve at the very highest of academic levels. The Class of 2015 represents the 54th set of valedictorians/salutatorians from Lincoln-Way Central; the 13th set from Lincoln-Way East; the sixth set from Lincoln-Way North; and the fifth set from Lincoln-Way West.

The valedictorians for the Class of 2015 are:

- **Lincoln-Way East:** Brianna McKenna with a grade point average of 5.929. She is the daughter of Michael and Greta McKenna of Frankfort. Brianna scored a perfect 36 on her ACT.
- **Lincoln-Way North:** David Arnold with a grade point average of 5.635. David is the

son of Glenn and Linda Arnold of Frankfort.

- **Lincoln-Way Central:** Daniel Zolecki with a grade point average of 5.75. He is the son of Joe and Kelly Zolecki of New Lenox.
- **Lincoln-Way West:** Jacob Gasparich with a grade point average of 5.478. He is the son of Christine Gasparich of New Lenox and Bill Gasparich of Joliet. Jacob scored a perfect 36 on his ACT.

The salutatorians of the Class of 2015 are:

- **Lincoln-Way East:** Sedona Cody with a grade point average of 5.662. She is the daughter of Pamela Cody of Mokena and William Cody of Mokena.
- **Lincoln-Way North:** Alison DeBruyn with a grade point average of 5.632. She is the daughter of Gus and Beth DeBruyn of Frankfort.
- **Lincoln-Way Central:** Maddie McLaughlin with a grade point average of 5.657. She is the daughter of Trisha and Jim

McLaughlin of New Lenox.

- **Lincoln-Way West:** Raymundo Muro Barrios has a grade point average of 5.435. He is the son of Raymundo Muro Sr. and Zuila Barrios of New Lenox.

Congratulations to all of our students. They have chosen to take advantage of all the educational opportunities provided at Lincoln-Way District 210. The Lincoln-Way High School District 210 faculty and staff are very proud of these students and look forward to their future accomplishments.

The Class of 2015 graduation ceremonies will be at 6:30 p.m. at all schools on the following dates:

Lincoln-Way West	June 2
Lincoln-Way East	June 3
Lincoln-Way Central	June 4
Lincoln-Way North	June 5

Thank you to the Frankfort community for your continued support of the Lincoln-Way High School District 210. 🌸

Chamber in Full Swing for Spring

By Karen Blake, Executive Director



Musicians entertained residents and visitors alike at last year's Concerts on the Green.

The Frankfort Chamber of Commerce commenced 2015 with the Annual Meeting at Dancing Marlin restaurant. Over 100 guests enjoyed this networking luncheon and took part in the installation of 2015 President Tom Powers and the Board of Directors. In February, the Chamber hosted the 20th Annual Chili Cook-Off on Breidert's Green. This event had in excess of 300 participants who had the pleasure of sampling multiple chili recipes. Meet, Greet and Network began in February. This well attended networking series exposes our members to

informational resources and is offered once a month through November at the Frankfort Township Community Room. Chamber Members, as well as new businesses, are encouraged to attend this free event, introduce themselves, and share news about the products and services they offer. The Frankfort Community Showcase and Artworks partnered to deliver an outstanding community experience. This annual event was held at Lincoln-Way East High School. With over one hundred (100) business exhibitors showcasing their business and

young local artists exhibiting their artwork, the event was a profound success!

Additional Chamber sponsored events will reoccur this spring and summer. Details can be found at www.frankfortchamber.com and participation is encouraged at the following: Affordable Care Act Educational Luncheon (April 29), Annual Chamber Golf Outing (late July), Concerts on the Green (return Sunday, June 21, and run for two additional weekends after Labor Day) and Frankfort Fall Festival (September 5 - 7). Your generous support of our Chamber allows our organization to actively maintain our annual local contributions to other organizations and upcoming events, such as scholarships, school foundations, Earth Day, Fourth of July Fireworks and Movies on the Green. Supporting our community and showcasing our local businesses is something that we are proud to do on an ongoing basis. 🌱

2015 Branch Pickup Schedule

April 6 through October 12

Branches should be set out by 7:00 AM on Monday, stacked neatly with cut ends facing the street.



We're "Connected" to You!

By Mary Canino, Manager of Community Relations



We always have a need for information, and our lifestyles demand that information be available quickly and with minimal effort. The Village of Frankfort wants to provide timely information to you, and there are several easy ways for you to "connect" with us to receive that information.

- **Pay Water Bill On Line** - Not only is this a new method for water bill payment and to review your water consumption history, but it also allows you the opportunity to select if you would like to receive Village updates through your email.
- **Receive Event Updates** - On the first day of every month, you will receive an email listing the events for that month. You can easily add them to your calendar and never miss one of our year round events.
- **NIXLE Community Alert Sign Up** - Community alerts and crime prevention updates from the Frankfort Police Department.
- **FCTV On Demand Notification** - Sign up to receive a link when new videos are posted to the "On Demand" channel.
- **Join Our Email List** - Sign up to receive general Village updates.

- **Village of Frankfort Mobile App - NEW** - Download the free mobile app from iTunes (Apple products) or Google Play (Android products) and stay connected to the Village with your mobile device. Search "Village of Frankfort" to download the free app. You're on the go and so are we!

With a visit to our Village website (www.villageoffrankfort.com) you can access all of the above items as well as "Hot Topics" for items of immediate interest and "Quick Links" to directly connect you to frequently visited sites. Of course, nothing can beat the personal interaction between our residents, elected officials and staff members. We certainly encourage you to call when you need to talk with someone to help assist you in resolving a problem. However, if you choose an electronic method to connect with us, you can navigate your way through the Village, explore the many different departments and services of the Village, and plan your event calendar without leaving home! 🌱



Miss Your Favorite Program on Channel 6?

All FCTV programs are available to watch on your iOS devices (i.e, iPad, iPod, iPhone). Just visit www.villageoffrankfort.com, click on the "FCTV ON DEMAND" logo, select the program you'd like to watch, and enjoy!

What's on FCTV?

A complete listing of channel six programming can be accessed at www.villageoffrankfort.com, under "Quick Links."

Village of Frankfort Hosts Annual Homeowners Association Meeting

February 25, 2015 marked Mayor Jim Holland and the Village of Frankfort's tenth annual informational meeting for Frankfort homeowners associations. Board members from many of the 61 HOA/Townhome associations attended the meeting held at the Frankfort Police Station, lower level. Village staff members, including Asst. Village Administrator Rob Piscia, Director of Public Works Terry Kestel, Utilities Director Tony Minette, Police Chief John Burica and Community Relations Manager Mary Canino, were present. Trustees Cindy Heath, Todd Morgan and Mike Stevens were also in attendance.

Mayor Holland gave a brief overview of the Village and its activities to the attentive crowd and emphasized the partnership that the Village has with the homeowners associations. Mayor Holland and staff members answered various questions from the HOA/Townhome attendees.



Utilities Director Tony Minette provided an overview of the Village's Utility Facility Plan and its recommendation to expand the Regional Waste Water Treatment Plant.

A video was also shown explaining the Village's "Dial it Back" program and water softener usage.

This year's program also featured a presentation by Utilities Director Tony Minette, who provided an overview of the Village's Utility Facility Plan. The presentation briefly outlined Frankfort's existing wastewater treatment plants and the recommendations to serve the Village for the next 20 years.

"It is critical to have an ongoing relationship with our

homeowners associations. Communication is key. Their input regarding projects affecting their subdivisions is important to the strength of our community and their questions are always welcome. We're pleased with the excellent attendance at tonight's meeting and the interest shown by each of these residents," commented Mayor Jim Holland.

The entire meeting is available for viewing at www.villageoffrankfort.com, under the "FCTV ON DEMAND" station on the home page. 🌟



Frankfort's Night Out Against Crime

Tuesday, August 4

6:00 PM to 8:00 PM

Village Green - Downtown Frankfort

Police and Fire Department Demos

Games & Inflatables

"Touch a Truck" Program

Fun for the entire family!

Frankfort Amateur Rib Cook-Off Saturday, August 1, 2015 - Village Green - Downtown Frankfort

Contestants Cook on Site • Public Tasting 1:00 PM to 3:00 PM • Music • Awards



Tickets are \$1.00 each for each rib piece tasting.

Admission is Free

Enjoy music on Village Green

Jaycees & Lions Club concession stands
available for your enjoyment

Judging: Prizes awarded for 1st, 2nd, 3rd place
and "Crowd Pleaser"

Judging 12:30 PM

Winners Announced 3:00 PM

To Be a Contestant:

- Download and complete the application and waiver form located at www.villageoffrankfort.com.
- **Early Registration:** \$75 (until June 30, 2015); after June 30, fee is \$100.
- Return the signed application and waiver form with the entrance fee to the Village of Frankfort, 432 W. Nebraska, Frankfort, IL 60423.
Checks made payable to: Frankfort Area Jaycees.
- Space is limited - **Deadline to enter is July 17, 2015.**
- Jaycees provide meat day of event (15 slabs baby back ribs per contestant). Set-up time: 6:00 AM - 9:00 AM.

**Detailed application, rules, procedures,
and waiver form can be downloaded from**
www.villageoffrankfort.com.

Sponsored by:
Village of Frankfort • Frankfort Area Jaycees
Frankfort Lions Club

Join Us for a Grand Time! 5th Annual Frankfort Bluegrass Festival July 11-12, 2015

Village Green - Downtown Frankfort
Sponsored by the Frankfort Bluegrass Committee

Visit www.frankfortbluegrassfest.com for details
and performer schedule



Village of Frankfort Fine Arts Fair

Saturday, June 20 - 10:00 AM to 3:00 PM

Village Green in Downtown Frankfort

Experience...

featured works of art and demos by Frankfort area premier artists

Enjoy...

browsing through the galleries, shops and restaurants

Relax...

while sampling a tasting of wine or favorite cheese (1:00 PM to 3:00 PM)

Listen...

to relaxing music performed throughout the day by local musicians

Beverages Courtesy of WineStyles of Frankfort
1:00 PM to 3:00 PM

Sponsored by the Village of Frankfort

Visit www.villageoffrankfort.com for additional information.

In case of bad weather, the event will be moved to the Founders Center, 140 Oak Street, in Frankfort.



"Get Hooked" on Frankfort Fishing Derby at Prairie Park

For Kids Only, Ages 3-12

Saturday, June 27, 2015

8:00 AM to Noon (Rain or Shine)

Prizes Awarded for

"Most Fish Caught" and "Biggest Fish Caught" in each age bracket

Save the Date - Registration Is Required

Details & registration form available soon

Registration forms will be available on the Village of Frankfort website,
www.villageoffrankfort.com.

Sponsored by the Village of Frankfort



Calendar of Events 2015

EARTH DAY/ARBOR DAY CELEBRATION

Saturday, April 18, 8:30 AM
Utilities/Public Works Facility
524 Center Road

STUDENT GOVERNMENT DAY

Monday, April 20
w/Hickory Creek Middle School
6:00 PM Mock Board Meeting
Frankfort Police Station
20602 Lincoln-Way Lane

FRANKFORT HALF MARATHON

Sponsored by Running Excels & Old Plank Cyclery
Sunday, April 25, 7:00 AM
Breidert Green

FRANKFORT COUNTRY MARKET

Sundays, April 26 – October 25
10:00 AM to 2:00 PM
Downtown Frankfort

VILLAGE HALL ADDITION GRAND OPENING

TBA
432 W. Nebraska

CRUISIN' FRANKFORT

Thursdays, May 14 – September 17
5:00 PM to 9:00 PM
Downtown Frankfort

MEMORIAL DAY

Monday, May 25, at 10:00 AM
Village Green - Downtown

MOVIES ON THE GREEN

Wednesdays
June 3, July 8 & August 5
8:30 PM
Village Green - Downtown

FINE ARTS FAIR

Saturday, June 20
10:00 AM to 3:00 PM
Village Green - Downtown

CONCERTS ON THE GREEN

Sundays, June 21 – September 20
(No Concert September 6)
6:30 PM - Sept. 13 & 20 Concerts
Begin at 5:00 PM
Village Green - Downtown

"GET HOOKED ON FRANKFORT" FISHING DERBY

Saturday, June 27
8:00 AM to 11:00 AM
Prairie Park - Downtown Frankfort

4TH OF JULY CELEBRATION

Saturday, July 4
5:00 PM to 9:00 PM
Main Park - Nebraska Street

BLUEGRASS ON THE GREEN

Sponsored by the Bluegrass Committee
Saturday, July 11 & Sunday, July 12
Times TBA
Village Green - Downtown

"SUPER SUNDAY"

Country Market/Car Club/Concert
Sunday, July 19
10:00 AM to 8:00 PM
Village Green - Downtown

PICNIC ON THE GREEN

Wednesdays, July 22 & 29,
August 5 & 12
11:30 AM to 1:00 PM
Entertainment at Noon
Village Green - Downtown

AMATEUR RIB COOK-OFF

Saturday, August 1
1:00 PM to 3:00 PM
(Public Tasting)
Village Green - Downtown

FRANKFORT'S NIGHT OUT AGAINST CRIME

Tuesday, August 4
6:00 PM to 8:00 PM
Village Green - Downtown

FRANKFORT FALL FEST

September 3 – September 7
Downtown Frankfort

"BIKE THE TRAIL"

Sponsored by LW Special Recreation Association

Saturday, September 19
10:00 AM to 1:00 PM
Village Green - Downtown

OLD PLANK ROAD TRAIL 5K RUN/WALK

Saturday, October 3
8:30 AM to 11:30 AM
Village Green - Downtown

TRUNK OR TREAT

Saturday, October 24
11:00 AM to 1:00 PM
Village Green - Downtown

VETERAN'S DAY CONCERT

Sponsored by Hickory Creek Middle School

Wednesday, November 11
7:00 PM
Hickory Creek Middle School

TREE LIGHTING CEREMONY

Thursday, December 3
6:30 PM
Village Green - Downtown

CHRISTKINDL

Sponsored by the Frankfort Historic Business Assn.

Saturday, December 5 &
Sunday, December 6
Noon to 4:00 PM
Downtown Frankfort

For additional information and details on events, visit www.villageoffrankfort.com, under "Calendar of Events."



An Invitation to Join Us...

Earth Day/Arbor Day Celebration

Saturday, April 18, 2015

Clean-Up Day Program 8:30 AM
 Volunteer Lunch 11:30 AM

CONTINENTAL BREAKFAST • EARTH DAY T-SHIRTS

Same Location for Sign Up & Volunteer Lunch
 524 Center Road

For more information, call (815) 469-2177,
 or visit www.villageoffrankfort.com.

If you have a large group, please contact
 Mary Canino at (815) 469-2177 or mcanino@vofil.com to sign up!

Frankfort Country Market

Every Sunday • April 26 – October 25 • Downtown Frankfort

Country Market Hours

April 26 to May 31 10:00AM - 2:00 PM
 June 7 to August 30 9:00 AM - 2:00 PM
 Sept. 13 to October 25 10:00 AM - 1:00 PM

Expanded Market to Enjoy!

Fresh Produce • Plants • Organic/Gluten Free Products
 Prepared Foods • Baked Goods • Events
 Live Entertainment • Chef Demos

Special Event Days:

June 7 and July 19 - Petting Zoo
 June 21 - Cow/Calf Exhibit
 June 28 - Kiddie Tractor Pull
 July 12 and Aug 2 - Pony Rides

For more information, visit www.villageoffrankfort.com.



Cruisin' Frankfort 2015

Every Thursday • 5:00 PM to 9:00 PM
 Downtown Frankfort!

May 14 through September 17
 No Cruise on September 3

For a list of the feature cars, visit
frankfortcarclub.org or www.villageoffrankfort.com
 under the Calendar of Events

Sponsored by:
 Frankfort Car Club and the Village of Frankfort



Lights, Camera, Action! Movies on the Green in Frankfort!

Grab a blanket or bring a lawn chair.
 It's free family movie time under the stars!

Feature Film: 8:30 PM (or Dusk)

No Alcoholic Beverages Allowed • No Pets Allowed

Popcorn Popped & Served By:

June 3 - Knights of Columbus
 July 8 - Kiwanis Club of Frankfort
 August 5 - Frankfort Lions Club

Wednesday, June 3

"Ratatouille"

Wednesday, July 8

"Tower Heist"

Wednesday, August 5

"The Lego Movie"

In case of bad weather, rain date is one week from the original movie date!

Sponsored by: Village of Frankfort • Frankfort Chamber of Commerce • Frankfort Park District

Picnic on the Green

Wednesdays, July 22, July 29,
 August 5 & August 12

11:30 AM to 1:00 PM (Entertainment at Noon)
 Village Green - Downtown Frankfort





THE FRANKFORT VILLAGER

VILLAGE OF FRANKFORT NEWSLETTER

NOVEMBER 2016

Mayor's Message

By Mayor Jim Holland



Frankfort Facts

Inside this issue of the Villager, you will find Frankfort Facts, a

publication that provides statistics about your village government. The trustees and I hope that the publication explains Frankfort Village revenues, expenses, assets, liabilities and services in a reader friendly format. The financial information found in Frankfort Facts is taken from the Comprehensive Annual Financial Report. You can find the complete report at <http://www.vofil.com/live/government/financial-information>.

Your eight elected village officials, forty one resident committee members and eighty-nine village employees continually seek ways to improve services to all Frankfort residents while living within our financial means. Frankfort Facts points out the importance of sales tax revenues to all of our services. As we approach this holiday season, we hope that you will shop in Frankfort.

Continued on page 19

The Freedom of Information in an Age of Transparency

By Dr. Jerry Duca, Administrator



In an era of instant access, institutions such as local government struggle to meet the ever-increasing need for information on a real-time basis. The use of web pages, press updates, live video streaming, and public document releases, while a step in the right direction, never seem to be enough to keep up with the ever-changing demand. The desire to be "transparent" is regularly at odds with the need to provide meaningful and relevant information in a timely manner. The desire to share data that conveys a message in line with the organization's goals is often juxtaposed against the need to provide raw, unaltered, and significant data.

The laws of the state of Illinois provide a process by which information shall be disseminated. They also provide a standard for notifying the public about pending

meetings or formal action by the governing body. One particular section of the law specifies the manner in which the local government shall answer requests for information. Commonly referred to as the Freedom of Information Act (FOIA), the legislation requires that municipalities answer requests for information within five days of receipt of the request. An extension of time can be requested by the government for more complex document retrieval efforts. In Frankfort, such requests do not need to be submitted using an official form to be considered valid – although, that is the preferred medium for such requests. While not required to create documents in response to FOIA requests, governmental agencies are required to provide all documents in response to specific requests for information. In some rare cases data is precluded from publication

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VILLAGE OF FRANKFORT

Mayor Jim Holland
 Clerk..... Adam Borrelli
 TrusteesCynthia Corso Heath
 Robert J. Kennedy
 Keith Ogle
 Mike Stevens
 Richard Trevarthan
 R. Douglas Walker
 Administrator..... Jerry Ducay

Administration Building

432 W. Nebraska Street
 Frankfort, IL 60423
 Phone: (815) 469-2177
 Fax: (815) 469-7999
www.villageoffrankfort.com

Village Board Room

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. in the Administration Building. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER

is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,200.

Statement of Purpose: To inform the community of issues, policies, and personalities pertaining to government in our village.

Quality Services Come From Quality People

By Rob Piscia, Assistant Village Administrator



New sitting wall at Breidert Village Green was constructed by Public Works Village Staff.

Over the years, cities and towns have struggled to provide a balance between the costs of providing necessary services and creating environments that fostered a “quality” of life. Thankfully, the elected officials, business owners, developers and residents of Frankfort have all done their part to shape desirable places that define a quality community. This “quality” can be seen in our vibrant “downtown” streets; in the restaurants and businesses where our neighbors interact daily; and in safe, inviting open spaces where citizens of all ages gather.

To this end, it is often the subtleties that impact that sense of quality in relatively unseen ways. How often have you driven or walked through the historic downtown area and commented about the “inviting feel”. Was it the size and vibrancy of the hanging flower baskets along the street side that caught your attention; or was it the intricate brick work in many of the streetscapes; or was it the well-manicured flower beds? Certainly, it can be these or many other subtle things that enhance

your sense of quality.

What may not be known is that Village of Frankfort employees are directly responsible for working on many subtle details. Recently, Public Works staff completed stone work on the new Breidert Village Green sign and sitting wall. They were also responsible for much of the brick paver work throughout the downtown area. In addition, they constructed both signs as part of the Village Hall expansion and built the rock outcropping adjacent to the Puent building at the main park. Their efforts helped save valuable tax dollars while still providing other important services.

Additionally, the Frankfort Police Department has done their part to subtly enhance the quality of our community. Our police have strived to continue to interact with the community when many other municipal departments are cutting back. Frankfort officers still walk “foot patrols” to provide a more personal interaction with residents and business owners. The Department still conducts drug

Continued on next page

Trustee Talk: Ease on Down the Road

By Trustee Mike Stevens



The Village of Frankfort spends \$400,000 - \$500,000 annually on road maintenance. This includes resurfacing,

striping, crack sealing, and curb repair. The bulk of the funding for this endeavor comes from Motor Fuel Tax money collected by the State of Illinois from gasoline sales statewide. Funds collected are prorated to communities across the state based upon population. Frankfort receives \$450,000 annually from this program.

In addition to the road maintenance funded with Motor

Fuel Taxes, the Village frequently pursues grant funding for road improvements throughout the community. In the last decade the village has obtained nearly \$15,000,000 in grant funding for local roads. This funding comes from the federal government and is allocated regionally through an application rating process. Federal funding covers 80% of the project costs with the village paying the remainder. Currently, Steger Road is being reconstructed as part of this program. St. Francis is slated for reconstruction next year.

Today the village finds ourselves at a crossroads. Our maintenance and grant-funded efforts of the past are not enough to keep up with the

ever-demanding need to improve existing roadways. Recent long term planning suggests that a time will soon come when we need to enhance the road maintenance funding dramatically. This increase will be necessary to meet the aging condition of our current roads and maintain the standards of quality our residents have come to expect.

This board and previous boards have worked hard to be effective fiscal stewards when it comes to long range financial planning. The conservative leadership of the past provides multiple opportunities for us to move forward as we meet the future head-on. Continuing to use reserve capital funding is an effective short-term solution while a long-term dedicated funding program option is examined. Such long-term programs could include a capital funded program that matches bond revenue with operating funds to allow for a large-scale comprehensive community roadway enhancement effort. This effort, coupled with grant funding opportunities, would allow Frankfort to effectively meet the needs of our residents for the next decade.

Long term planning and vision are an essential part of transportation planning. Such work is necessary so that we can continue to “ease on down the roads” of Frankfort. Thank you and I hope to see you around town. *

Quality Services, from page 2

and alcohol awareness programs in our schools to foster long lasting positive relationships with parents and students. Most importantly, our police view themselves as community servants.

While it is a very subjective descriptor, “quality” is a prevailing feeling throughout the Village. The elected officials and staff are committed to doing their parts to continue with the tradition of enhancing quality. *



Public Works staff completes new Breidert Green sign.

Stay Safe This Winter

By John Burica, Chief of Police



As winter approaches it is a good time to think about safety. I am not just talking about extra care driving in hazardous conditions or having a hazardous weather kit in your car, but keeping you and your family safe from winter hazards that can affect anyone at any age.

These hazards start with playing or walking near or on lakes, ponds or frozen water areas. Although there are detention areas, ponds and small lakes throughout the community that appear to be a great place to play, skate or sled onto, they can be very dangerous, even deadly. What appears to be frozen solid can sometimes be a very thin layer of ice. Ice forms at different rates and can be affected not only by air temperature, but also wind, the underlying water temp and the size of the water area. What is frozen one day can thaw the next day. No one should play, walk or trespass on to these water areas under any circumstances. If you want to skate go to an ice rink that is designed for winter activities.

Remember that freshly plowed snow may provide what appears to

be a fun place to play by building a fort or sledding down them, however this is not a good idea. The Village of Frankfort snow plows often continue to clear streets many days after an initial snow. This includes pushing back large piles that may seem to be great place for a snow fort or tunnel. These forts and tunnels can quickly collapse and trap people inside. Sledding on or around these piles is also not a good idea. It is never a good idea to play in an area near traffic. With little control of a sled it

can enter onto a roadway creating a possibility of going into a path of a vehicle. Remember too that roadways can remain slippery causing increased stopping distances for vehicles travelling on them.

Be careful when shoveling snow too! Shoveling can exert your body more than you realize. When shoveling take your time, don't rush and try lifting heavy shovel loads especially when it's wet heavy snow. Use your legs to lift, never your back. When clearing your driveway and sidewalks try to push snow rather than lifting. If you start to feel like you overexerted, stop immediately. If you feel as if you are getting dizzy or faint call 911.

Stay safe and Happy Holidays to all from the Men and Women of the Frankfort Police Department. ❄️

Frankfort Township Food Pantry

Frankfort Township's food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the
Frankfort Township Office,
11000 W. Lincoln Highway.

For more information, please contact
Jeannine Hetfleisch at (815) 806-2761.

Granting Benefits to Our Community

By Terry Kestel, Superintendent of Public Works

The Village of Frankfort routinely applies for grants for various projects throughout the Village. These grants have been for projects that include road widening, road resurfacing, bike path installation, energy saving projects, and other beneficial projects for our community. Not all projects are awarded grants due to many communities applying for the same funds; however the Village has been very successful in receiving many of these grants.

When awarded, the grants provide another funding source other than Village funds to complete projects. Some grants may cover the entire project cost, while other grants are an 80/20 split, the grant covering the 80 percent and the Village the 20 percent.

Some current road projects that are being paid for with grants include the Steger Road widening and



Construction on the bridge replacement on Steger Road over Jackson Creek.

bridge replacement between Route 45 and Scheer Road. The Steger Road project is scheduled to be completed by the end of November. An upcoming road project for this spring receiving grant funding is St. Francis Road from 88th Avenue to 80th Avenue; this will include widening,

resurfacing, bridge replacement, and the installation of a multi-use path.

A new bike path that will be constructed on Pfeiffer Road between the Old Plank Road Trail and Sauk Trail has also received grant funding. The path will also have a pedestrian crossing at the railroad tracks. This bike path will be a piece to the puzzle that ultimately connects the residents that live on the southeast side of our community to Old Plank Road Trail.

As always, the Village will continue to apply for grants as they become available to fund these construction projects. Hopefully we will continue to be granted these additional funds. *

Snowfall Parking Reminder



Per Village Ordinance, it is unlawful to park any vehicle, or for any vehicle to remain parked, on any street in the Village between 8:00 PM and 8:00 AM after a 2" snowfall.

We also ask that driveway snow not be pushed out into a recently plowed street!

Thank you
for your cooperation

Do you have a question
or comment for the
Village Board
during the live
Village board meeting?

Just email
voflive@vofil.com
during the meeting!

Diversification Through Land Use Planning

By Jeff Cook, Director of Development Services



The principal of diversification can be applied to many disciplines and life in general. Most often it is thought of in terms of financial investment and risk tolerance. In the world of local governance, diversification is important to provide stability in the cost and level of services provided. One way local government diversifies its operations is through land use planning.

Although land use planning is not likely to be a frequent conversation topic at the dinner table, it is relevant every day a garbage truck or snow plow drives by, your kid ventures off to school, or you sign up for a class offered by the Park District. Since many of the services provided by your local governmental agencies are funded in part by property taxes, it is important to maintain diversity in the demand for services and the tax base supporting those services.

For example, a senior housing development may have a higher

rate of demand for emergency medical services. Therefore, you might conclude the demand outpaces the amount paid to support the service. However when you look at the bigger picture, the apparent imbalance is arguably offset by the dollars paid for schools or parks. In this case, the demand for service is small yet a larger sum is typically paid to support the service. Overall, a community with diverse land uses benefits as supply and demand for different services are spread across many uses.

Another example is how industrial development contributes to the community. By and large, industrial businesses require relatively few public services when compared to other land uses. So like the senior housing example, industrial businesses pay property tax that supports a variety of public services, yet they consume a small portion of the services they support. These businesses also employ workers who often

contribute to the local economy through their support of local retail businesses.

It is in this context we must consider the long-term benefits of development opportunities in Frankfort's southeastern growth area. Over time the village strategically annexed several acres south and east of Steger Road and Harlem Avenue. Planned for industrial and business park development, the I-57 corridor is quickly becoming a magnet for new investment. Contributing to the corridor's attractiveness is a new interchange at Stuenkel Road and the recent announcement that Amazon is constructing a new 850,000 square foot facility near the village's southernmost boundary.

Although such large scale industrial development is not often associated with Frankfort, following through on long-term strategic plans and investments most assuredly is Frankfort. In this case, capturing new industrial development inside village limits will positively contribute to the diversity of land uses in Frankfort and go on to produce long-term benefits for the community. *

A Safety Minute

Usher in the New Year with a safety check and replacement of all batteries in carbon monoxide alarms and smoke detectors.

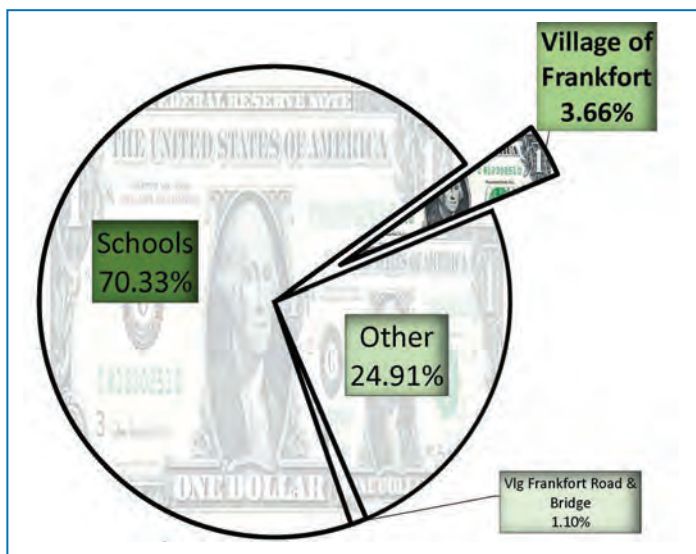
Do You Know Where Your Property Tax Dollars Go?

By Jenni Booth, Director of Finance

Property taxes are a major source of revenue for local governments. Property tax is based on a property's value. Everyone is affected by property taxes – whether you pay the tax, receive the services or benefits that are paid for by the taxes or in most cases, a combination of both. Anyone who attends a public school, has police and fire protection, drives on roads, or utilizes many other public services, benefits, at least in part, by property taxes.

As seen in the pie chart above, approximately 4% (or \$.04) of every property tax dollar you pay is levied by the Village of Frankfort. In other words, if your property tax bill totaled \$10,000 for the year, just under \$400 is levied by the Village of Frankfort. This equates to approximately \$2.7 million of property tax revenues. This property tax revenue, along with a portion received for road & bridge (approximately \$800,000, levy is set by the Township), is used to help pay for a quarter of the essential services the Village provides which are budgeted at \$13.6 million dollars for the current year.

No property tax funds are used to support the Utilities' operations. These operations are supported by water and sewer charges. As the end of the calendar year approaches, the Village (as well as all of the other taxing districts) will again send their levy request to the county clerk. The tax rate needed to produce the amount of revenues is calculated and limitations are applied to determine the amount that each taxing district can legally



This pie chart shows the percent of every property tax dollar you pay that is levied by the Village of Frankfort.

levy. Next year the county will prepare the property tax bills, collect the taxes paid by the property owners, and they will then distribute them to the appropriate taxing bodies based on the amount levied by each district.

The example below is representative of tax code 1906. The total property tax rate is determined based on where your property is

located. Your property tax bill may differ slightly from what is shown here depending on where you live in Frankfort. To find out the property tax distribution specific to your property, refer to your most recent tax bill. The detailed property tax information used for the pie chart in this article is shown below. *

TAXING DISTRICT	PERCENT	2015 RATE
School District 157-C	43.66%	4.0362
High School District 210	23.36%	2.1594
Comm College Dist 525	3.32%	0.3065
Village of Frankfort	3.66%	0.3388
Forest Preserve	2.10%	0.1937
Will County Bldg Comm	0.24%	0.0218
Frankfort Township Town Funds	1.08%	0.0998
Frankfort Township Road Funds	1.23%	0.1138
Frankfort Fire District	8.90%	0.8224
Frankfort Park District	2.49%	0.2302
Frankfort Public Library	2.24%	0.2067
Will County	6.64%	0.614
Vil Frankfort Road & Bridge	1.10%	0.1017
TOTAL	100.00%	9.245

Dialing it Back... Every Little Bit Helps

By Tony Minette, Director of Utilities

Over the past few years the Village has worked hard to help its residents and customers understand the complexity of the violation the Village Waste Water System received for Chloride through our "Public Education Campaign" (pamphlet, articles and online PSA). The Illinois Environmental Agency (IEPA) has denied all options the Village has presented as possible solutions and given no guidance as an appropriate measure to remove the violation. (The most recent denial came this September). However rather than just accept the lack of direction from the IEPA the Village will continue its efforts with the community to reduce its salt usage, because every little bit helps.

So let's summarize what we have done so far: Step one: an educational pamphlet was sent out to everyone in their water bill



asking everyone to "Dial it Back". Step two: the Mayor's November Villager Article outlining the details of the violation in 2015. Step three: we produced an informational public service announcement (PSA) providing various tips for residents and customers on how to reduce our salt usage, affectionately dubbed "The Dial it Back Video".

So what's next? Moving forward we will continue with more videos, more pamphlets, and more articles

to do our part to reduce the amount of salt we put into our creeks until a reasonable solution is presented. Ultimately the Village and its residents want to do the right thing, either end the violation or reach an agreement with the Illinois Environmental Agency (IEPA) to accommodate the 10,000 plus water softeners in our system that is the source of the chloride.

If you have any questions or concerns about anything mentioned in this article or any other topic, please feel free to call the Utility Department at (815) 469-2177. The entire "Dial it Back" pamphlet is available at the Village website, www.villageoffrankfort.com under "Live/Village Services/Water". *

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to:
 Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423
 or logon to www.villageoffrankfort.com and click on "Contact Us."

You're Invited...

Village of Frankfort Tree Lighting Ceremony

Thursday, December 1, at 6:30 PM
Braidert Green, Downtown Frankfort

Welcome:

Mayor Jim Holland

Musical Selections Performed By:

Hickory Creek Middle School Choir

Tree Lighting Countdown:

Mayor Jim Holland & Village Board

Santa's Arrival

Refreshments Will Be Served By Volunteers From:

Lincoln-Way East Interact Club



Thank You...

Mayor Jim Holland and the Frankfort Village Board would like to thank the people who have made Frankfort's special events in 2016 so successful. We extend our appreciation to the volunteers, the civic groups, the sponsors, the Frankfort residents and all the visitors who attended Frankfort's special events in 2016.



Thanks to the "Winter on the Green" event sponsors for warming up our Sundays in January & February.



Thanks to everyone who attends our annual Wellness Fair in February.

Thanks to the Frankfort Car Club for lining the downtown Frankfort streets with classic cars every Thursday evening.



Thanks to the loyal customers of the Frankfort Country Market for the most successful year to date.



Thanks to the many civic groups and volunteers who helped keep our Village clean during Earth Day 2016.



Thanks to our young Frankfort anglers and their families who enjoyed the "Get Hooked on Frankfort" fishing derby at Prairie Park.

Thanks to the Frankfort Chamber of Commerce, the hundreds of volunteers, various civic groups, school bands, B.E.T.A. Team, Lions Club, parade participants, historic downtown merchants, local businesses, residents and the thousands of visitors who continue to make the Frankfort Fall Fest one of the best festivals in the Midwest!



Thanks to the "Movies on the Green" committee for hours of summer movie enjoyment at Breidert Green.





Thanks to the "Concerts on the Green" committee for Sunday evening musical entertainment during the summer.



Thanks to our talented artists and all our visitors who enjoyed their beautiful artwork during our annual Fine Arts Fair in June.

Thanks to all the young families who enjoyed the "Library on the Green" series in July and August.



Thanks to the Bluegrass Festival committee for another successful event this summer.



Thanks to everyone who attended our "Night Out Against Crime" event in August.



Thanks to the Lincoln Way Special Recreation Association for sponsoring the "Bike the Trail" event in August along Old Plank Road Trail.

Thanks to the Frankfort Area Jaycees, Frankfort Lions Club and all the amateur chefs who have made our annual "Amateur Rib Cook-Off" held every August a huge success.



Thanks to the runners, walkers and volunteers of our annual Old Plank Road Trail 5K Run/Walk.



Thanks to the families who brave the cold to visit with Santa during the annual Tree Lighting Ceremony on Breidert Green.



Thanks to those who attended our annual Memorial Day Observation to honor our veterans and their service to our country.

We look forward to your continued support of all our events in 2017! Check the website calendar for 2017 event dates and times or sign up at www.villageoffrankfort.com and click on "Receive Email Updates" for automatic event information every month!

New Day &
Time!
SATURDAY
Noon - 2

Winter on the Green 2017 Season

SATURDAYS – NOON UNTIL 2:00 PM
Breidert Green in Downtown Historic Frankfort

Beat the winter blues and join us for 5 fun-filled Saturdays
January & February, 2017!



January 7

Ice Fest

Ice Sculptures, Demo



January 14

Winter Carnival

Kids Carnival Game, DJ



January 21

Winter Sports

Enjoy Winter Sports



January 28

Amateur Chili Cook-Off

Chili Competition, Free Samples



February 11

Valentine's Weekend

Taste Fondue & Hot Cobbler

Share hot chocolate & cookies with family & friends at these free winter events!

Please Note: No Winter on the Green event on February 4 – Super Bowl Weekend!

Details for each event will be available soon at www.villageoffrankfort.com

Sponsored by the Village of Frankfort

&

Thanks to our Special Sponsors:

Frankfort Chamber of Commerce
Frankfort Boys Scout Troop 270

Frankfort Park District
Tinley Park-Frankfort Rotary Club

Frankfort Lions Club

Frankfort Area Historical Society Candlelight House Walk

Friday, December 2
5:00 PM - 10:00 PM

Tour homes decorated for the holidays and stop by our open house for homemade cookies.

Special stops at the
Chamber, Museum & CD&ME

For Tickets Call (815) 469-6541

Submit Your Winter Beautification Award Nominations!

Mission Statement:

The mission of the Village of Frankfort Beautification Awards Program is to give public recognition to projects that exhibit functional and tasteful design and enhance the Village of Frankfort.

Submittals Due:

Winter 2016 beautification award nominations are due no later than December 16 for presentation before the holidays.

Nomination Form:

Log on to www.villageoffrankfort.com and click on "Hot Topics" to download the form. Complete the nomination form and return it to the Village Administration Building, 432 W. Nebraska.

Award Categories:

Residential Buildings, Commercial Buildings, Industrial Buildings

Nominate a neighbor, a business, or a homeowner association for a beautification award!

Christkindl & Cookie Walk Weekend

Saturday & Sunday, December 3-4
Noon to 4:00 PM

Highlights include:

- German Lantern Parade with St. Nicholas Saturday, December 3 at Dusk - Free lanterns for kids
- Cookie Walk, Noon to 4:00 PM - Saturday & Sunday Ticket required - Only 300 tickets will be sold
- Live reindeer visit on Sunday, December 4 from Noon to 3:00 PM
- Horse-drawn wagon rides

Cookie Walk Tickets go on sale in mid-November. Visit www.shophistoricfrankfort.com for ticket information and details

*Sponsored by the
Frankfort Historic Business Association*



Shop Small Business Saturday

Saturday, November 26

The Village of Frankfort celebrates our local small businesses and their contributions to our local economy and community. Residents are encouraged to support the Saturday after Thanksgiving as a day to shop small and shop local in Frankfort!

Celebrate the Holiday Season With the Chamber

By Alicia M. Joebgen, Frankfort Chamber Executive Director

The leaves have changed their colors and lights are starting to go up; must mean winter and the Holiday season are rapidly approaching! The Holidays are a busy time of year everywhere and Frankfort is no exception!

To kick off the season, on Friday, December 2 the FAHS will again sponsor The Candlelight House Walk which will showcase area Frankfort homes. The Chamber will be a special stop where visitors can pop in for some light refreshments provided by some of our Chamber restaurants. The Historic Society will also be serving delectable cookies and wassail. Certainly some area businesses will stay open late so you can get a jump start on that Holiday shopping!

Keeping the fun going, Frankfort Historic Business Association will host Christkindl Weekend, Saturday, December 3 and Sunday December 4. The downtown will be brimming with activities including the annual Lantern Parade, cookie walk, horse-drawn wagon rides, and cookie decorating, as well as Santa's Secret Workshop! The Chamber is once again proud to sponsor the live reindeer that will attend this weekend as well! There will certainly be something for every member of the family!

In case you are still looking for something for that special someone, Midnight Madness will be in full swing on Friday, December 9. Frankfort Chamber businesses will be open from 6:00 p.m. to

Midnight! So grab your friends and get ready for some great deals that are only available on this one night! New this year, the Chamber will have busses to move patrons from one shopping area to another. We hope this will make shopping ALL of Frankfort even easier. So, gather at one of our many local restaurants for an early Holiday meal and then shop the night away! Participating businesses will be listed at www.frankfortchamber.com.

As we move into 2017 don't forget the Annual Chili Cook-Off – start to get those Chili recipes ready!

The Frankfort Chamber wishes you and yours a Merry Holiday Season and a Happy New Year! ❄️

Create the Future at the Library

By Pierre Gregoire, Library Director



"The best way to predict your future is to create it."

–Abraham
Lincoln

The Frankfort Public Library District's (FPLD) mission is to enrich the community through innovation, imagination and information, inspiring and empowering individuals to explore excellence. Libraries are becoming prominent community centers; providing space for entrepreneurs, small group meetings, local

presentations, individual and group study. Library programs reach out to learners of all sizes to engage them in studies of technology, science and the arts.

FPLD is beginning a new series of strategic planning sessions to accompany the community into the next "Roaring Twenties." The most important step in planning is to find out as much as possible about the plans, wishes and needs of our community. To this end, FPLD will be conducting a survey that will hopefully receive your input. We will be providing on-line and paper content which will be promoted

through our electronic newsletter as well as directly reaching out. We welcome your individual input as well: in-person with the Director or via email pgregoire@frankfortlibrary.org. Your contribution to the facebook group 300 Frankfort Ideas can also help build a shared platform for creating your future!

Now in our 50th year, we are reaching out to the people of our district for ideas. What do you want the library to be, do and plan for the future? ❄️

Improvements Made at Chelsea Intermediate School

By Dr. Maura J. Zinni, Superintendent of Schools, Frankfort School District 157-C



Chelsea third graders on one of the stairways featuring new graphics highlighting math problems. The graphics were added during a renovation of the school over the summer.

As students move between classes at Chelsea Intermediate School this year they might be inspired to ponder a quote by Helen Keller on a wall or practice answers to multiplication problems on the stairways. The added graphics are just one example of new warm and welcoming touches at the school.

Originally constructed as two separate buildings in 1974 and 1981 and connected by an addition in 1995, before completing a final addition in 2009, Chelsea was renovated with a “mini-facelift” over the summer. Located at 22265 S. 80th Avenue, Chelsea has a cheerful vibe starting with new signage on the outside of the school stating “Home of the Tigers” highlighting the school mascot. Visitors, staff and students can see other positive changes immediately as they enter the school due to new decorating and a tiger logo in the main office. There is also a new mural in the lunchroom. Existing murals have been accented with brighter colors by teacher and artist Susie Corkery, and motivational quotes and accent colors have been added to some walls. The improvements were supported by

District funding and individual family donations, the District 157-C Education Foundation and Family School Partnership (FSP) organization.

Along with these visible enhancements, many foundational items have been updated or replaced. The District provided

Operations & Maintenance Fund funding for general painting and flooring. Carpet in the main office and the North end of the building and older tile near the lunchroom were replaced with bright new tile. Two original boilers for the South end of Chelsea were replaced with modulating and energy efficient boilers, tuck-pointing and preventative masonry repairs were completed and the skylights and roof were repaired in the Atrium.

We believe that our students thrive in a safe and healthy environment and are proud of all three of our school facilities. We invite you to visit our schools during our community events to see where our Frankfort students spend much of their day. Learn more about our district at www.fsd157c.org. *



Miss Your Favorite Program on Channel 6?

All FCTV programs are available to watch on your iOS devices (i.e. iPad, iPod, iPhone). Just visit www.villageoffrankfort.com, click on the “FCTV ON DEMAND” logo, select the program you’d like to watch, and ENJOY!



Watch FCTV 24 Hours A Day with “Live Stream”

You can now view FCTV programming, including Village Board Meetings, from the Village website, www.villageoffrankfort.com in full HD quality 24 hours a day with “FCTV LIVE STREAM”. Accessing the new feature is easy—visit www.villageoffrankfort.com and click on the button “LIVE STREAM” on the home page—it’s that easy!

Lincoln-Way District 210 Update

By Dr. R. Scott Tingley, Lincoln-Way High School District 210

Last year, our students and teachers had an incredibly strong finish, receiving various academic accomplishments for the 2015-2016 school year. National recognitions from Newsweek and U.S. News and World Report brought great pride to our high schools, and District 210 was again recognized at the start of this school year when Chicago Magazine ranked all Lincoln-Way High Schools in the "Top 5 High Schools in Will County."

By the numbers, we had an excellent year. The ACT average for the graduating class of 2016 was a 23.1 composite: the highest ACT average of a graduating class in Lincoln-Way history. Furthermore, our graduation rate reached an

all-time District 210 high at 97.9%. These great accomplishments are a tribute to the hard work and dedication of our teachers, students, and staff.

Students have begun the 2016-2017



Lincoln-Way East students attend Teen Conservation Leadership conference.

school year with energy, positivity, and class. We have seen increases in participation in athletics, activities, and clubs at each school, which has kept our teachers and coaches busy throughout our first semester. Our athletes continue to bond with their teammates and prove to be fierce competitors for rival schools. Students continually volunteer, donating time and energy into bettering their community and connecting with local residents. The combined Lincoln-Way Marching Band has performed at numerous community events, amazing us all with their dedication and incredible talent. The Board of Education, administration, and faculty look forward to an outstanding school year. ❄

Solar Panel Energy Project

By Barb Rains, PHR, Superintendent of Summit Hill District 161

Summit Hill Jr. High's solar panel project is up and running, thanks to grant funding from the Illinois Clean Energy Community Foundation and Earth, Wind, and Solar Energy. Four 16 ft. x 16 ft. solar panels have been installed on Summit Hill Jr. High School's rooftop. The solar array is connected to the school's electrical system and the internet for monitoring.

The solar panel project is another opportunity to bring real-world science activities into Summit Hill classrooms in an interactive and engaging way. The solar panel

energy project allows students to utilize solar data collected on-site to be actively engaged in the Next Generation Science Standards. The solar panel energy project is an educational tool and will only be used for educational purposes.

Science Teacher Roxanne Rodgers spearheaded the grant application process for the solar panel project on behalf of the Summit Hill Jr. High science team.

Over the course of the school year, this educational tool will be utilized to prompt discussions of how solar panels work to convert sunlight

into electricity. Students will utilize the data collected from the solar panels to learn how to calculate power in watts. As they advance in their knowledge of solar energy, students will monitor how the system behaves over time in response to changing seasons and weather patterns. Since the beginning of the school year, solar energy production reports indicate that 295 kilowatt hours of energy have been produced which contributed to offset emissions of greenhouse gases the equivalent of two trees. ❄

Frankfort Park District – Parks Provide a Sense of Community!

By Gina Hassett, Executive Director

Have you visited a Frankfort park this year? Did you watch the July 4th fireworks light up the sky at Main Park? Take your best friend to the Bark Park? Push your child in the swing at Jackson Park? Attend the annual Egg Hunt or Back-To-School Bash? Watch a sporting event at Commissioners Park?

Experiences like these help to facilitate a sense of community. Your use is motivated by an activity but what you take away is much greater. The park district provides residents a place where community members can develop a sense of community and where healthy behavior is modeled. People gather to share experiences, socialize and build a sense of community through community parks.

The parks are open all year. The District encourages use during the

fall and winter months. The District maintains 387 acres of park space in 19 different parks. When the colder weather arrives, residents can enjoy sledding at Commissioners Park and/or ice skating at Main Park.

During the colder months, the District offers increased indoor programming opportunities. The partnership with the District 210 allows for residents to stay active through purchasing an annual pass or punch visit card for the fitness center and the field house for open gym at Lincoln-Way East High School. Current hours and availability are provided on the District's website or by calling the office. Programming opportunities at the Frankfort Park District cross all spectrums and ages. The list below is a highlight of upcoming events and new programs being offered.

- Dinner with Santa – December 2
- Trim-A-Tree Workshop (adult) – December 1
- Movie Madness – December 9
- Polar Express Movie Night – December 22
- Holiday Hoops Camp – December 27-29
- Lego Winter Break Camp – December 27-29
- Drive-In Movie – January 3
- Color Therapy (adult) – January 5

The Winter/Spring brochure will be mailed in December. Registration for residents is Dec. 27. For more information on the Frankfort Park District programs and parks, visit www.frankfortparks.org or contact the office (815) 469-9400 and follow us on Facebook. Come Join the Fun! *

Frankfort Fire Protection District: Fall Safety Message

By Fire Chief Robert Wilson

The Frankfort Fire District is reminding all residents to ensure that each home has a working carbon monoxide alarm. When the weather starts to cool and furnaces are being started for the first time, the fire departments calls for carbon monoxide alarm activations also increase. While we encourage residents to call the fire department when the alarms sounds, we would like to present a few safety tips to help eliminate false activations. Take a quick moment today to look at your own carbon monoxide

alarm to ensure yours are up to date and protecting your family as designed. Most carbon monoxide



detectors are good for 5-7 years and should be replaced after that time frame. Typically, the units have a tag or date stamp on the back to indicate its "age" or expiration date. While you have the ladder out, this is an opportune time to also quickly test the smoke alarms in your home as well. We recommend changing the batteries both types of alarms at this time.

- CO alarms should be installed in a central location outside each

Continued on next page

Frankfort Square Park District Awarded a Tree Replacement Grant

By Jim Randall, Executive Director, Frankfort Square Park District

Frankfort Square Park District (FSPD) realizes the importance of parks, open spaces, clean air, water, and the improved quality of life these areas provide, and takes its mission of environmental stewardship seriously. As in many communities throughout our area, Frankfort Square was greatly impacted by the Emerald Ash Borer, losing 30% of its green and white ash trees to this invasive pest. Advocating for environmentally positive actions, the FSPD's Great Lakes Restoration Grant for Emerald Ash Borer tree replacement was approved. The grant award, \$7,777, combined with matching FSPD funds, will provide a total amount of \$15,554 towards the purchase, planting, and care of twenty-seven trees to be installed throughout FSPD parks and properties. FSPD will work with certified arborist, Paul Beebe, of Arbor Care in Frankfort, to plant a variety of native Illinois



Paul Beebe of Arbor Care planting a tree at the Frankfort Square Park District's Community Center during an Earth Day event.

tree species, ensuring biodiversity, important to their long-term health and success. Thanks to the grant award, the Frankfort Square community will enjoy the environmental benefits these trees will provide for generations to come.

Also, the FSPD is happy to have been granted use of the LWN campus that provides community access to indoor and outdoor athletic/fitness facilities through

the F.A.N. program. This past fall, expanded hours were made available, and park staff are developing many new programs for all ages and interests. Please visit www.fspd.org to learn more about the F.A.N. program's November open house, and new program opportunities that will be available!

For more information on the FSPD, please contact us at 815-469-3524 or www.fspd.org. *

Frankfort Fire, from page 17

sleeping area and on every level of the home and in other locations where required by applicable laws, codes or standards

- Test CO alarms at least once a month; replace them according to manufacturer's instructions.
- If the CO alarm sounds, immediately move to a fresh air location outdoors or by an open window or door. Make sure everyone inside the home is accounted for. Call 911 for help

from a fresh air location and stay there until emergency personnel arrive.

- During and after a snowstorm, make sure vents for the dryer, furnace, stove, and fireplace are clear of snow build-up.
- A generator should be used in a well-ventilated location outdoors away from windows, doors and vent openings. *

Village of Frankfort Mobile App!

Download a free mobile app from iTunes (Apple products) or Google Play (Android products) and stay connected to the Village with your mobile device!

Search "Village of Frankfort" to download the free app!

**You're on the go
and so are we!**

Mayor's Message, cont. from page 1

Frankfort's downtown boutiques and Frankfort's modern shopping centers provide unique gifts as well as nationally advertised products. Shopping in Frankfort is convenient. Frankfort stores charge the lowest sales tax in the Chicago region and a portion of the sales tax paid goes back to your village. Frankfort stores hire local residents which circulates money back to our community. Frankfort shops are beautifully decorated for the holidays and they are near quality restaurants and holiday activities which make the shopping experience more fun for the entire family.

The Frankfort Historic Business Association lists thirty-nine shops, boutiques and restaurants in Frankfort's downtown. These shops provide unique gifts including antiques, stationery, sports memorabilia, musical instruments, bicycles, children's clothing, pet supplies, china, home accessories, men's and women's clothing and flowers. Consider gift certificates for the children's museum, nail and

hair salons, quilting, yoga, photography, restaurants or bowling. Don't forget Frankfort's holiday events including shop small business Saturday on November 26, the Tree Lighting ceremony on December 1, the House Walk on December 2, Christkindl Weekend and cookie walk on December 3 and 4 and Midnight Madness shopping on December 9.

Our modern shopping centers provide Frankfort residents with electronics, hardware, jewelry, toys and other goods that are advertised nationally. All Frankfort merchants bring us great products and prices in a convenient fun shopping experience. They make Frankfort the best place to shop for gifts.

The trustees and I wish each of you a happy holiday season. We hope that you have the opportunity to enjoy time with family and friends and we hope that you will shop in Frankfort. ❄️

Freedom of Information, from page 1

if it falls under one of the following categories:

- (1) private information such as social security number;
- (2) personal information that intrudes on a person's right to privacy;
- (3) law enforcement records that would interfere with a pending proceeding;
- (4) information that endangers life or physical safety;
- (5) preliminary drafts or notes;
- (6) business trade secrets;
- (7) bids prior to final selection; and
- (8) requests that are "unduly burdensome" or vague.

Under the law, the first 50 pages of records are provided without charge with a 15 cent per page charge thereafter. The use of electronic copies is a way that many chose to avoid copy costs and expedite response times.

The Illinois Attorney General's Office handles all disputes and compliance issues related to FOIA requests. This responsibility is under the authority of the Public Access Counselor who can be reached via the FOIA Hotline (877) 299-FOIA. Additional information can also be obtained by the Attorney General's publication found at <http://foia.ilattorneygeneral.net/>. In Frankfort, Rob Piscia serves as our FOIA officer. He is responsible for assuring that all FOIA requests are handled in a timely and accurate process. Mr. Piscia can be reached at the Village Administration office by email at rpiscia@vofil.com or by phone at (815) 469-2177. ❄️



Shoppers enjoy the holiday season in Frankfort.

VILLAGE OF
FRANKFORT
EST. 1855

432 W. NEBRASKA ST.
FRANKFORT, IL 60423

PRSR STD
U.S. POSTAGE
PAID
PERMIT No. 130
FRANKFORT, IL

TO: POSTAL CUSTOMER
FRANKFORT, IL 60423



*A Happy, Healthy and Safe
Holiday Season
to Our Residents and
Their Families*



Mayor's Message

By Mayor Jim Holland



Police Helping People

Recently, a resident spoke at a Village Board Meeting about the help

she received from one of our police sergeants when her bicycle riding son was hit by a car. The sergeant found her cell number, informed her of the incident and then calmed her down over the phone. He followed up with her at the hospital and then several more times after her son came home and was on his way to a complete recovery. She wanted to publicly thank the sergeant for showing real concern and for being so helpful. As mayor, I have heard comments before about the extra efforts our police make to help people in Frankfort. I asked Sergeant Bender, who oversees our Crime Prevention Programs, our Detectives and our School Resource Officer, to tell me more for this article. Here is what Sergeant Bender said:

In Frankfort our police department focuses on community-oriented policing. School Safety Programs, Citizen's Police Academy, Night Out Against Crime, TRIAD senior safety

Continued on page 8

New Flood Maps Adopted for Will County

By Robert Piscia, Village Administrator

Over the last several years, I have been writing to inform residents that FEMA (Federal Emergency Management Agency) has been working to update the Flood Insurance Rate Maps (FIRM). Prior to work on the updates, the official maps depicting flood hazards in Illinois were still primarily paper maps. These paper floodplain maps were used for regulatory and flood insurance purposes as well as identifying sensitive waterway corridors. The Village adopts FIRMs by ordinance. Our previous maps had an effective date of September 6, 1995, with a last map revision date of March 17, 2003.

The Village of Frankfort has worked very hard to ensure that our water resource and storm water management plans are strictly enforced to protect residents from the problems of flooding. This includes participation in the National Flood Insurance Program (NFIP) managed by FEMA. Participation in the NFIP is required for the Village to receive Federal disaster assistance and to allow homeowners the ability to obtain flood insurance.

Nationally, since many flood maps were over nine years old, in 2003, funded by Congress, FEMA launched the Map Modernization



Project, a 1 billion dollar, 5-year program to develop fully digital floodplain maps across the country. The new Digital Flood Insurance Rate Maps (DFIRMs) used geographic information system (GIS) technology and local involvement was stressed to assure that data incorporated in the maps was up to date and accurate. In 2004, the Illinois Department of Natural Resources began working with FEMA to prepare digital maps for five counties in Illinois.

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VILLAGE OF FRANKFORT

Mayor Jim Holland

Clerk Eugene Savaria

Trustees Adam Borrelli
 John C. Clavio
 Margaret M. Farina
 Keith Ogle
 Jessica Petrow
 Richard Trevarthan

Administrator Rob Piscia

Administration Building

432 W. Nebraska Street
 Frankfort, IL 60423
 Phone: (815) 469-2177
 Fax: (815) 469-7999

www.villageoffrankfort.com

Village Board Room

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. in the Administration Building. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER

is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,900.

Statement of Purpose: To inform the community of issues, policies, and personalities pertaining to government in our village.

New Flood Maps, from Page 1

DFIRM production began for 11 additional counties in 2005, including Will County. FEMA finally completed the DFIRM project in late 2018 and approved the new DFIRM maps for Will County. In January 2019, the Village of Frankfort updated its flood prevention standards that included the adoption of the new Will County Flood Maps.

This is significant to residents because the new DFIRMs provide much more detailed location data that clearly shows when a property is located in a flood prone area. Participation in the National Flood Insurance Program stipulates that municipalities, lending institutions and insurance agents must use the most current available information for making decisions about flood-prone areas. As a result, some residents will find during the refinance or purchasing process or when changing insurance policies that their residence has been identified as now being in a hazard area requiring them to obtain flood insurance.

Thankfully, there are steps that can be taken to help mitigate the impact of the new changes if a resident now finds their property is located

in a designated flood zone. If a homeowner is in a flood zone on the new DFIRM maps but they have never had flooding, they may be able to show that their foundation is above the base flood elevation (BFE) and lessen or eliminate the need for flood insurance. Property owners can hire a certified engineer or surveyor to complete an elevation certificate to be submitted to FEMA to obtain a letter of Map Amendment that shows their structures are above the BFE and thus should be removed from the flood zone. Ultimately, the flood map information is designed to give residents the opportunity to protect their belongings before they are potentially damaged in a flood. The new maps can be viewed at www.msc.fema.gov/portal/home. You can easily search for your address from this web page.

The Village of Frankfort is fortunate to have Certified Floodplain Managers on staff to assist with specific issues. Any resident that has questions about the new DFIRMs can contact Adam Nielsen at anielsen@vofil.com or Terry Kestel at tkestel@vofil.com. Residents can also contact them at (815) 469-2177. 🐾



Hydrant Flushing Schedule

September 9 through October 25

Hydrant flushing details are online at www.villageoffrankfort.com under "Live" and "Village Services."

Check it out!

Trustee Talk: Welcome New Village Trustees

By Trustee Adam Borrelli, Trustee Jessica Petrow, Trustee Margaret M. Farina



Greetings! My name is **Adam Borrelli**, and I am one of three newly elected trustees that have the honor of representing the wonderful

residents of this charming village, which is also my childhood home. When my wife, Bridget, and I were looking at different communities to purchase our first home, Frankfort was at the top of our list. We bought our home in the downtown area and now have three beautiful children that we are raising here. Before becoming a trustee, I was involved with the village for several years, serving as a member of the Operations Committee since 2012 and as clerk since 2015. Professionally, I am a civil engineer who manages the operations and maintenance program for the U.S. Army Corps of Engineers in Chicago.

I feel fortunate to step into this new role with a village that is both vibrant and fiscally sound. Areas of importance to me include exercising fiscal discipline, enhancing public safety, investing in infrastructure, providing exceptional customer service, preserving our historic character, and promoting economic development. I am grateful for the feedback I received on the campaign trail and look forward to continuing to collaborate with my fellow board members and staff to develop solutions that

Continued on next page



A decade ago, my husband Keith and I, **Margaret Farina**, built a home in Misty Falls while I worked for

the American Cancer Society then Lions Clubs International. We soon welcomed our sons, Luke and Zachary, and became engaged in our community.

Previously, I served as a member of the Village of Frankfort Plan Commission/Zoning Board of Appeals and as a Frankfort Park District Commissioner, and I have been actively involved in the Frankfort Lions Club, Frankfort Chamber of Commerce, KidsWork Museum and Family School Partnership-157C.

While working for the American Cancer Society, I advocated on behalf of cancer patients and their loved ones for access to care, smoke-free public places, screening, research & funding. My career then led me to Lions Clubs International, the world's largest voluntary service organization, where I managed government relations and partnerships on behalf of the association and its volunteers in 208 countries.

Today, I am excited to serve as your village trustee, and I will work hard to:

- Keep neighborhoods safe
- Preserve our historic district

Continued on next page



I am **Jessica Petrow**, your homegrown Village of Frankfort Trustee. The Hossbach family has been in Frankfort

for generations. As a lifelong resident of the Lincoln-Way area, I have experienced the growth of Frankfort. I always knew that Frankfort was where my husband, Ryan and I wanted to raise our family. We are three times blessed with children. Carsyn is 10 years old and currently attends Chelsea Intermediate School and actively involved in Frankfort Girls Softball and Girl Scouts. Harper is 7 years old and attends Grand Prairie and enjoys dancing. Callan is 3 years old and attends St. Peter's Preschool.

I am a graduate of Eastern Illinois University, School of Business with a Bachelor of Science in Marketing. Professionally, I have worked in the pharmaceutical/biotechnology industry for the last 15 years.

Today, Frankfort faces the challenge of growth balanced with keeping our charm. The historic downtown area has often been referred to as the gem of Frankfort, an area that separates Frankfort from neighboring communities. The current zoning ordinance does not address the commercial and residential areas with design guidelines that help balance new developments and homes for the

Continued on next page

Borrelli Trustee Talk, from Page 3

address some of the issues raised. One item that we will be addressing in the near future is downtown parking, especially the lack of premium spaces available during peak hours. While there is no silver bullet for solving this problem, we are developing a number of alternatives that I believe will alleviate the issue if implemented.

The sense of community we have here in Frankfort is truly exceptional. Like many of you reading this article, Bridget and I are actively involved in the community. We also enjoy taking advantage of the many events Frankfort has to offer, including the Country Market, Bluegrass Festival, Movies on the Green, and Fall Fest, which is just around the corner. If you see me around town, please don't hesitate to stop and introduce yourself. I look forward to hearing from you. 🍷

Farina Trustee Talk, from Page 3

- Curb spending and keep taxes low
- Support economic development
- Protect open space, wetlands and nature preserves

Since taking the oath of office, I have accomplished the following in order to gain a broader understanding of our village:

- Toured Wastewater Treatment Plant, water pumping stations, public works facility, and police department
- Reviewed current financial health, annual budget and audit report
- Attended a "ride along" with Police Sergeant Jaicomo to understand neighborhood/business patrol, boundaries, technology, traffic stops and crime prevention
- Met with Dr. Maura Zinni, Superintendent of Frankfort School District 157-C to discuss social & emotional awareness, partnership and the new School Resource Officer
- Attended training sessions in preparation for the new role: National Alliance of Preservation Commissions, Will County Center for Economic Development Training and Illinois Municipal League Newly Elected Official Training
- Met with Frankfort Chamber of Commerce and Frankfort Downtown Historic Business District Association leadership to understand our business environment and needs
- Met with the Frankfort Fire Protection District to understand its services, boundaries and resources

Petrow Trustee Talk, from Page 3

area. I have completed training through the American Planning Association and Historic Preservation, networked with other communities with similar downtown areas and actively participated in the visual preference workshops to have a clear understanding of what the residents of Frankfort envision for this area. I will work to incorporate these design guidelines into our ordinances.

2019 will mark the completion of our new comprehensive plan and it has identified several special areas within the community for economic development. I plan to work with my fellow trustees and the Mayor to bring that plan to life.

The village maintains a website to share upcoming events, meetings, agendas and other resources. One area of focus that I am currently working with our Village of Frankfort staff with is updating our technology. A larger online and social media presence will only help connect our local government and residents.

I bring a fresh perspective to the current board and have never shied away from sharing new ideas and common-sense solutions to process improvement.

I am a wife, a mom, a leader and passionate about our town! I will respect our past and help shape Frankfort's future for your family and our future generations to come. 🍷

Continued on page 23

What's in a Name?

By Jeff Cook, Assistant Village Administrator

When we first meet a person, the first thing we learn is often their name. Remembering names is easy for some, more difficult for others. A name can conjure memories of other people or events as well as generate positive or negative emotions. So it made sense when Frankfort's Historic Preservation Commission took up discussion of their own name earlier this year.

Formally established in 1994, Frankfort's Historic Preservation Commission (HPC) was created to promote historic preservation initiatives of the Village. Prior to the creation of the HPC, Frankfort operated the "1890's Theme Committee" with differing levels of influence over the prior decades. Interestingly, the law which created the HPC defined the new commission interchangeably as either the HPC or the 1890's Theme Committee. As a matter of practice, it seems once the HPC was created



Village of Frankfort hosted a Historic Preservation Workshop on April 6, 2019.

it continued to operate as the then well-known "1890's Theme Committee."

As the village grew from 8,300 residents in 1994 to the more than 20,000 residents today, the purpose or function communicated by the name 1890's Theme Committee became less apparent, particularly to newcomers. Some people would say, "how does the "A" bridge over LaGrange Road have anything to do with the 1890's?!"

The duality continued until earlier this year when the HPC sought a renaissance of its efforts by holding an education and training session in April. The trainers immediately suggested using the name that best conveys the group's function. A few days later, the 1890's Theme Committee took action to formally abandon its 1890's moniker and proceed forward under the name Historic Preservation Commission.

The HPC meets at least four times per year, but is meeting more often this year. Agendas for meetings are posted on the village website www.vofil.com and in print at the Village Administration Building. As with all public meetings, residents are welcome to attend and provide comment.

The volunteer members of the Historic Preservation Commission seek to communicate about our local history and contribute toward keeping Frankfort a great place. If you share interest in this area and want to learn more about volunteering, please contact me and answer a simple question. What is YOUR name? 🍁

Frankfort Police Department's Safety Trunk or Treat

Saturday, October 26 10 A.M. – 12 NOON
Braidert Green

E.F. Bucko Costume Parade starts at 10:00 A.M.

Village Halloween Trick or Treat Hours

Thursday, October 31
4:00 P.M. – 7:00 P.M.



Burglaries to Motor Vehicles – How Is This Happening and What Is Being Done About It?

By John Burica, Chief of Police

It's a typical night in Frankfort and officers are methodically driving through our many subdivisions, while still responding to calls for service, medical calls, reports of possible criminal activity and watching for impaired drivers amongst other things. We are patrolling and searching. 'Searching for what,' you may ask? Officers are searching subdivisions for the crews who occasionally come into Frankfort to victimize our residents. We are looking for cars that look like they don't belong, activities that look out of place, vehicles driving slowly or stopped in the middle of the block, brake lights, and garage doors left open. Occasionally, we come across a garage door left open during these late hours. When this happens, we notify the homeowner. Sometimes they aren't thrilled we are waking them in the middle of the night. But we do this, because if something happens to that resident or their property and we didn't notify them, we would see that incident as preventable.

In this scenario an officer hears that a nearby town has a suspicious vehicle with a suspect reportedly going into cars. Our attention is drawn to the radio as we listen for the vehicle's description, where it's heading, and then we begin planning. We think- where might they enter our town based on the last known location and direction of travel? We listen to the radio while scanning vehicles and license plates looking for the offenders. We are on high alert wanting to be in



Home security camera footage.

the right place at the right time, to say we want to catch them is an understatement. We know however we can't be everywhere at once, so there is a chance they may come into our town break into cars and leave before we cross paths. But we do everything we can to try and stop this from happening.

Next, by a stroke of good luck or bad luck, depending on how you see things, we spot a suspected vehicle. As we approach the vehicle, two people jump into the car and it takes off. We call over the radio: where we are, what we are seeing, and where the vehicle is heading. But the vehicle gets onto a main road and is traveling at an even higher rate of speed. We assess. The vehicle now heads into on-coming traffic and increases their speed. They have no regard for anyone's safety or who they may hurt including themselves. We disengage. Why? As an officer, this goes against every instinct we have. But we must think and not get tunnel vision. What happens if that vehicle crashes because we

continue to pursue it? What if an innocent family gets hit by this car? What if it crashes into a house in a subdivision because the offenders don't know where they are? Officers must think what am I chasing this car for? A small amount of change that was stolen out of a vehicle in a nearby town.

These situations seem to occur all too often. We do understand that being the victim of this type of crime is invasive and unsettling. We continue to do our best and try to learn from each situation.

Here is what we know:

We Know. These car burglaries have been occurring for many years and affect Frankfort, the entire Chicagoland area from north suburbs to south and throughout the nation. Scenarios like the one above happen everywhere and have happened here. In some cases the decisions made by the officer have had tragic results. Many offenders will only be stopped once they crash, whether into a fixed object or another vehicle.

We Know. There are multiple crews that go out with the intention of stealing. Catching one crew does not stop them. Several have been caught and the crimes continue. They are here to steal cars, loose change, small items left in cars and firearms left in unsecured vehicles.

We Know. They are not stealing cars to sell or part them out because we have recovered all the vehicles

Continued on next page

Resources for the Care of Our Trees

By Terry Kestel, Superintendent of Public Works

Trees provide many benefits for our community. Clean air, shade, home for various wildlife, and overall curb appeal to name just a few. To ensure the trees provide these benefits for many years, the Village offers various resources to our residents.

Whether you are contemplating which trees to use for new landscaping or adding a tree to an established yard, planting the right tree and placement is important. Information for proper tree planting and tree type can be found in the Village's Landscape Ordinance. This document is available at www.villageoffrankfort.com in the document library.

Proper tree trimming is also important. For parkway trees, the



Public Works Department performs tree trimming every few years to elevate the low branches in conflict with traffic or pedestrians. Residents that trim their own trees can place branches out for the Village's Branch Collection Program that runs from April 1st to October 14th. If a contractor is needed for tree care, residents should confirm that the contractor is licensed and registered with the Village. This can be done by calling

the Building Department.

The leaf collection program offered by the Village will begin October 21st and continue until November. This program is for residents that rake their own leaves. Leaves can be raked to the edge of the road where they will be collected by Public Works staff. Please do not place leaves in the street as this causes drainage issues. Contractors that maintain properties are required to haul the leaves off site.

Should residents notice any concerns with parkway trees, please contact the Public Works Department at (815) 469-2177.

While trees do require routine maintenance, this is minimal compared to the benefits they provide our community! 🍁

Burglaries, from Page 6
stolen in our town.

What are they doing with the cars then? They use the stolen vehicles to commit additional crimes. If someone obtains license plate information when they commit crimes, the crime cannot be linked to the offender(s) rather it comes back to the victim of the car theft.

Are locked cars being broken into? We have seen a rare instance where a locked vehicle was broken into during these break-ins. We have found that in almost all of our break-ins and those in the Chicagoland area they seek

unlocked cars. It takes too long to manipulate a locked car and breaking windows attracts too much attention during quiet overnight hours.

What happens if these offenders come across a locked vehicle?

We have reviewed countless video surveillance clips from Frankfort and area agencies, the offenders can be seen leaving the driveway once they come across a locked vehicle in search of the unlocked vehicles.

What are the Frankfort Police doing about this? The Frankfort Police Department continues to perform added subdivision patrols

during nighttime hours. We have added directed patrol officers to supplement regular patrols. We are constantly gathering and sharing information with other police agencies to work together on these cases. While we remain vigilant in our patrolling, we continue to ask residents to lock their vehicles, to not leave keys or key fobs in their cars, and to report suspicious noises or vehicles to the police department immediately no matter what time of day or night.

Other points of interest:

- We are constantly evaluating data from these cases and use this information for prevention and

Continued on page 23

The Importance of the 2020 Census on the Village's Finances

By Jenni Booth, Director of Finance

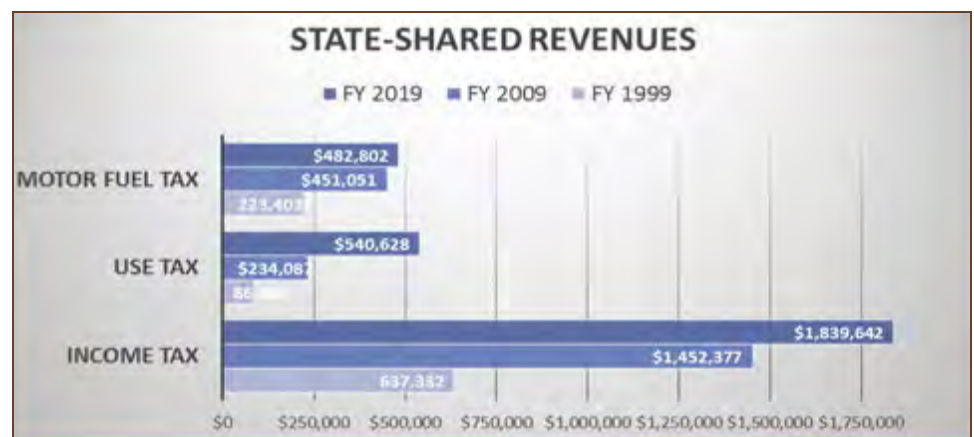
Every 10 years the U.S. Census Bureau conducts a nationwide census. The next census will take place in 2020. The census is important to the residents of Frankfort because it impacts the Village's finances. It determines Frankfort's portion of the state-shared revenues, since the state-shared revenues are determined on a per capita basis.

An accurate count of every individual is the goal of every census. The results of the count can have a major impact on our community. A very important component to the residents of Frankfort is that the census will determine the amount of income tax, use tax and motor fuel tax Frankfort will receive from the state. These taxes are some of the

largest sources of funds which help pay for public safety, road projects and various other public services.

In addition to determining the allocation of the state-shared revenues, the census also determines how billions of dollars of federal funding are distributed to states and communities.

Please take the time to complete the census form when you receive it in the mail. If residents are not included in the census count for Frankfort, it will mean less money from the state to help pay for Frankfort services over the next 10 years. 🍷



Mayor's Message, from page 1
meetings, child safety seat inspections, active shooter response training, Coffee/Cone with a Cop,



Residents enjoyed free ice cream while meeting Frankfort Police Officers at Cone with a Cop in July.

and other community events are examples of the department's outreach programs.

Police contacts often happen during some of the most challenging times in a person's life: a traffic accident, someone battling drug addiction, a tense custody situation, or a victim of a crime. Our officers see these interactions as an opportunity to help people. They may give someone a meal or a ride to a safe place or they may refer the person to an agency that can assist them. And then our officers follow up to make sure the person is getting help. These acts of kindness and expressions of genuine concern typically are not reported in the news or on social media. If asked,

our officers will just say, "that's what we do."

Our department created a Social Services Resource Guide. These guides contain names, addresses and phone numbers of agencies that can be of assistance to those in need. Officers frequently provide these guides to people who might benefit from one of the several dozen social service agencies listed. The guides are also available at the police department for anyone wanting this information.

We hope the people of Frankfort will get to know our police officers. Join us at a Coffee/Cone with a Cop event or the annual Night Out

Continued on page 23

Have You Checked Your Water Softener Lately?

By Michael Stone, Director of Utilities



Did you know that the water softener in your home can impact the quality of water in our local streams and rivers? Taking a few minutes to make sure your water softener is operating efficiently can ensure our natural resources are protected.

To help understand this issue, let's first take a simplified look at how a typical water softener works. Hard water flows into the softener and passes through resin loaded with sodium ions. Through the ion exchange process, hardness ions in the water switch places with the sodium ions on the resin. The water that leaves the softener has left its hardness ions behind and is now considered soft. But when all of the sodium ions on the resin have been replaced with hardness ions, the softener will no longer be effective. At this point, the resin needs to be recharged by back-washing it with a brine solution (salt water). This regeneration process removes the accumulated hardness ions on the resin and replaces them with sodium ions. The softener is now ready to effectively operate for another cycle.

To create the brine solution, salt is

added to the softener. When salt dissolves in water, the resulting brine solution contains sodium and chloride ions. The sodium ions in the brine solution are needed to regenerate the resin, but what about the chloride ions?

Unfortunately, the chloride ions are not utilized by the regenerating process and are discharged to the sewer system, ultimately making their way to our waterways.

This brings us back to the original question presented at the beginning of this article. Elevated concentrations of chloride in freshwater ecosystems are harmful to aquatic plants and animals. Inefficiently operated water softeners regenerate unnecessarily, which wastes salt and contributes to elevated levels of chloride in our streams and rivers.

So what can you do to make sure your water softener is operating efficiently? Here are a few simple

recommendations:

1. Check the hardness setting of your water softener and set it to 25 grains or less.
2. If you have a time-clock type water softener, increase the time between regenerating cycles by one day at a time until the effective softening time is maximized.
3. If you have an older water softener, consider having it evaluated by a professional to ensure it is operating efficiently.

We all have a responsibility to protect our natural resources. Optimizing the operation of your water softener is a simple and effective way you can reduce the amount of chloride entering the environment. If you have any questions or would like to discuss this issue, please feel free to contact me at (815) 469-2177. 🍁

2019 Leaf Collection Program

The Village will provide six free curbside leaf collections this year. Leaves will be picked up once a week beginning October 21 through November 25.

Branch & Yard Waste Collection

The last scheduled day for Village provided branch pick-up service is October 14. NuWay Disposal will continue yard waste and branch pick-up through November. Branch bundles must be tied with string in a size that can be handled by one man. Bundles and yard waste bags must have a yard waste sticker affixed to them for pick-up.

FRANKFORT PRESERVATION FOUNDATION &
FRANKFORT AREA HISTORICAL SOCIETY
PRESENTS



ICE CREAM SOCIAL

SUNDAY AUGUST 25TH 2019 4PM-6PM

*Frankfort Residents Enjoy
Free Ice Cream & Games for Kids!*



FOUNDERS CENTER
140 OAK STREET
FRANKFORT, IL 60423



The Village of Frankfort

Cordially Invites Neighbors & Friends Age 65 & Older

Senior Breakfast

Wednesday, September 18

8 AM - 9 AM

Village Administration Building
432 W. Nebraska Street



SPACE IS LIMITED!

On the Menu

Enjoy a complimentary breakfast
catered by White Street Café!

Starters

Welcome & Introductions from Mayor Holland

Main Course

Presentation/Overview of Village Services

Dessert

Q & A with Village Officials/Village Staff

RSVP to Sue Lynchey
815-469-2177
By Wednesday, September 11

After Breakfast

You Are Invited to Attend

Frankfort/Mokena
TRIAD Health Expo & Flu Shot Clinic

Frankfort Founders Center
140 Oak Street
9AM - 11 AM

2019 Frankfort Fall Festival Event Schedule

Wednesday, August 28

Carnival (POP, \$27 All Hours) 5:00 p.m. – 9:00 p.m.

Thursday, August 29

Carnival (POP, \$27 All Hours) 5:00 p.m. – 9:00 p.m.

Lions Club German Wurst Fest 6:00 p.m. – 10:30 p.m.

Friday, August 30

Carnival (Special Needs Day) 3:00 p.m. – 5:00 p.m.

Carnival 5:00 p.m. – 9:30 p.m.

The Garden 6:00 p.m. – Midnight

Smooth Sailing 8:15 p.m. – 11:00 p.m.

Saturday, August 31

Arts & Crafts Exhibitors 10:00 a.m. – 6:00 p.m.

Civic Food Booths 10:00 a.m. – 6:00 p.m.

Carnival 12:00 p.m. – 9:30 p.m.

Breidert Green Entertainment Stage

Electric Avenue 11:00 a.m. – 1:00 p.m.

Loretto Lane 2:00 p.m. – 3:30 p.m.

Strung Out 4:30 p.m. – 6:00 p.m.

The Garden 10:00 a.m. – Midnight

Related Rhapsody 1:00 p.m. – 4:30 p.m.

Maggie Speaks 8:00 p.m. – 11:00 p.m.

Bike Corral 9:00 a.m. – 6:00 p.m.

Sunday, September 1

Arts & Crafts Exhibitors 10:00 a.m. – 6:00 p.m.

Civic Food Booths 10:00 a.m. – 6:00 p.m.

Carnival 12:00 p.m. – 9:30 p.m.

Community Parade 1:00 p.m. Step-off

Breidert Green Entertainment Stage

Crawford's Daughter 11:00 a.m. – 1:00 p.m.

Phylis Marconi 2:00 p.m. – 3:30 p.m.

Briggs Street Band 4:30 p.m. – 6:00 p.m.

The Garden 10:00 a.m. – Midnight

The Weeds 1:00 p.m. – 4:30 p.m.

Simply Elton 8:00 p.m. – 11:00 p.m.

Bike Corral 9:00 a.m. – 6:00 p.m.

Monday, September 2

Arts & Crafts Exhibitors 10:00 a.m. – 5:00 p.m.

Civic Food Booths 10:00 a.m. – 5:00 p.m.

Carnival (POP, \$27 All Hours) 12:00 p.m. – 5:00 p.m.

Breidert Green Entertainment Stage

Jimmy O & Rhonda Lee 11:00 a.m. – 1:00 p.m.

Whiskeyfist 2:00 p.m. – 4:00 p.m.

The Garden 10:00 a.m. – 5:00 p.m.

Frankfort Brass Band 1:00 p.m. – 4:30 p.m.

Bike Corral 9:00 a.m. – 5:00 p.m.

After 6:00 PM, The Garden is open to 21 & older only - \$5.00 cover charge.



Thursday, August 29, 2019

6:00–10:30 PM

The Garden • Kansas & Oak Streets • Downtown Frankfort

Live music provided by Peter Hoffmann

Food by Chef Klaus' Bier Stube • Brats • Strudel • German Beer

Grand Prize \$10,000

Ticket includes admission for 2 adults and entry in the drawing at 10:00 p.m.

Advance Tickets: \$20 / \$25 At Gate • Visit www.frankfortlionsclub.com or call (815) 683-8283



Interested in receiving information on traffic, weather, and safety during the Frankfort Fall Festival?

Text "FallFest19" to "888-777" to opt in to the Frankfort Police Department's Nixle Fall Festival public group. You can subscribe now until the end of the event to receive important updates on Fall Fest.

Frankfort Firefighters Foundation Operating Schedule

Frankfort Fall Fest Carnival August 28 - September 2, 2019

POP (Pay One Price
Unlimited Ride Band)

Day	Hours	Promotion
Wednesday, August 28	5:00 - 9:00 pm	POP All Hours \$27
Thursday, August 29	5:00 - 9:00 pm	POP All Hours \$27
Friday, August 30	5:00 - 9:30 pm	Special Needs Day 3 - 5:00 pm
Saturday, August 31	12:00 - 9:30 pm	
Sunday, September 1	12:00 - 9:30 pm	
Monday, September 2	12:00 - 5:00 pm	POP All Hours \$27

2019 Regular Ticket Prices	
1 Coupon	\$ 1.50
20 Coupons	\$25.00
50 Coupons	\$60.00
<i>(Rides accept 2-4 coupons)</i>	

Fall Fest Street Closures at a Glance 2019

STREETS	WED (8/28)	THUR (8/29)	FRI (8/30)	SAT (8/31)	SUN (9/1)	MON (9/2)
White Street (Kansas to Elwood) Bus Route Drop Off at White Street & Elwood	No Parking 4:00 PM – 1:00 AM (Until Fest Begins)			WHITE STREET CLOSED Elwood to Nebraska		
Kansas Street (Hickory to White)			Closed 4:00 PM	Closed for Fest		
Kansas Street (Hickory to Maple)				Police/Permit Parking Only 6:00 AM - 8:00 PM		
Oak Street (Kansas to Elwood)		No Parking 4:00 PM - 1:00 AM (Until Fest Begins)		Closed for Fest		
Ash, Oak & Hickory (Kansas to Nebraska) Elwood (Smith to White)			No Parking 4:00 PM	Closed for Fest		
Nebraska (Linden to Suttdonale) Lawndale Ct., Center, White, E & W Bowen, Carpenter, Maple (East side of Street Only - Nebraska to Folker's Dr.)				Restricted Parking 8:00 AM – 8:00 PM & Other Areas of No Parking at Any Time		
Smith Street McDonald Lane (Southside Only)				No Parking This Block		
Nebraska & Rt. 45, Old Frankfort Way & Rt. 45, White & Rt. 45				Controlled Access 9:00 AM – 10:00 PM to Downtown Area Access Only to Vehicles with Valid Frankfort Sticker		
Parade					12:45 PM – 4:00 PM No Entry to Downtown	
Curfew	Under 16 9:30 PM Every Day		In Effect at 10:00 PM for Those Under Age 21			

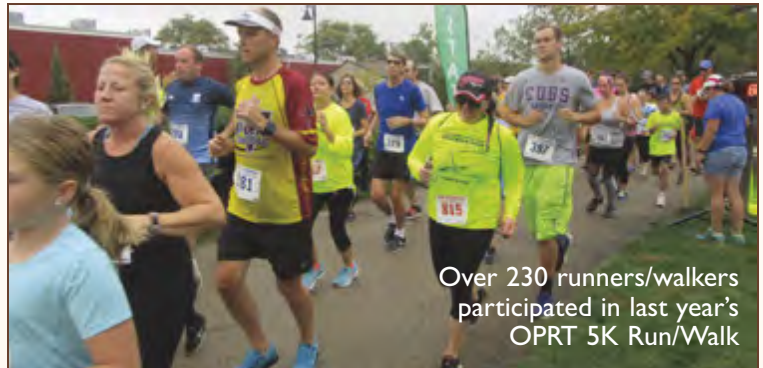
JOIN THE CELEBRATION!

Old Plank Road Trail 5K Run/Walk Saturday, October 5, 2019

Breidert Green in Downtown Frankfort

Schedule of Events

- 8:00 a.m. Registration/Check-In
at Breidert Green
- 9:15 a.m. Pre-Race Warm Up
- 9:30 a.m. Start Time
- 10:30 a.m. Awards Presentation



Over 230 runners/walkers
participated in last year's
OPRT 5K Run/Walk

Registration Required

Register before September 27: \$15.00 • Children 10 and Under: \$10.00

Same Day Registration: \$20.00

Online Registration is available at www.villageoffrankfort.com – go to the
Event Calendar/October 5/Old Plank Road Trail 5K Run/Walk/“Sign Up.”

Frankfort Country Market



Fall is in the air at Frankfort's Country Market

Continues every Sunday through October 27
Downtown Frankfort

No Market on Sunday, September 1

Fall Market hours begin September 8

9:00 AM to 1:00 PM

The Frankfort Country Market
is a grower's only market featuring:

- Locally Grown Produce & Vegetables
- Homemade Prepared Foods
- Gourmet Products

11th Annual Frankfort Amateur Rib Cook-Off A Huge Success



First place winners, Rusty Pig Barbecue, prepare their succulent ribs for the hungry crowd to sample.

Hundreds of people crowded downtown Frankfort on Saturday, August 3 for the 11th annual Frankfort Amateur Rib Cook-Off. The competition continues to draw new contestants as well as repeat favorites. This year, fifteen contestants from Frankfort, New Lenox, Orland Park, Plainfield, Chicago and surrounding communities competed for the Crowd Pleaser and Judges' first-, second- and third-place awards. Big Dog Mercer entertained the crowds with blues music on the Breidert Green stage. The event was co-sponsored by the Village of Frankfort, Frankfort Area Jaycees and the Frankfort Lions Club. All

food proceeds benefit the Frankfort Area Jaycees and beverage proceeds benefit the Frankfort Lions Club organizations.

Congratulations to the 2019 Frankfort Amateur Rib Cook-Off Winners:

1st Place:

Rusty Pig BBQ – Orland Park, IL

2nd Place:

Mi-Cue – Orland Park, IL

3rd Place:

Salt & Pepper – Frankfort, IL

Crowd Pleaser:

Lillie's BBQ – Frankfort, IL 🍷

Frankfort's "Night Out Against Crime" Draws Large Crowd

The 13th annual "Night Out Against Crime" was held in downtown Frankfort on August 6. Sponsored by the Frankfort Police Department, the event featured games and inflatables, demonstrations by the Frankfort police and fire departments, music and touch-a-truck. The crowd enjoyed over 700 free hotdogs during the event.

Mayor Jim Holland and Police Chief John Burica welcomed everyone and thanked Sergeant Leanne Bender for her efforts to coordinate Frankfort's version of this national event. "It is important for any healthy community to have a strong working relationship with their police and fire departments. This event provides an opportunity

for our residents to meet our police officers, ask them questions, and talk with them in a relaxed atmosphere. It certainly is a

pleasure to meet so many families from our growing community. We look forward to next year's event," stated Chief Burica. 🍷



Neighbors, families and friends enjoyed all the activities provided at this year's Night Out event.

Lincoln-Way High School District 210 Update

By Dr. R. Scott Tingley, Lincoln-Way High School District 210

Welcome to the 2019-2020 school year! We're excited to begin a new year full of academic success and build upon the tradition of excellence at Lincoln-Way Community High School District 210.

Earlier this summer, Lincoln-Way 210 announced its improved financial profile status with the Illinois School Board of Education from "Financial Watch" to "Financial Early Warning." This status improvement is attributed to the District's consecutive years of budget surplus, including an operating surplus of approximately \$6 million for this fiscal year. In the spring, students demonstrated their academic capacity on Advanced Placement (AP) exams, the ACT, and the state-mandated SAT. Results from the SAT and the State of Illinois Report Cards will be announced

later this fall.

Summer was a busy time for Lincoln-Way 210 students and staff. Many students enrolled in summer school to get ahead in required or elective courses, and many teachers use summertime to participate in professional development opportunities.

Crews were busy working on a variety of capital projects, including new tennis courts and a new parking lot configuration at Lincoln-Way Central, and new turf fields at Lincoln-Way Central and East. Student safety remains our number one priority, as new security camera systems were installed in all three buildings.

The support of the Lincoln-Way community, the drive of our faculty, and the direction from our board have all resulted in student

growth and success. We look forward to continuing this positive momentum into the 2019-2020 school year. 🍁



Daylight Saving Time Ends

Sunday, November 3
at 2:00 am
Set clocks back 1 hour.

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to:
Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423
or visit www.villageoffrankfort.com and click on "Contact Us."

Frankfort School District 157-C Students Give Back to Community Year-Round

By Dr. Maura J. Zinni, Superintendent of Schools, Frankfort School District 157-C

FRANKFORT, IL — Frankfort School District 157-C is fortunate to serve a community full of people who embrace the spirit of giving. Throughout the year, students, staff members, families and neighbors share their generosity by participating in charitable giving initiatives that support people locally and around the world.

Students and District community members donate time and resources to causes that are dear to their hearts. Last school year, Grand Prairie Elementary School students raised \$22,000 for juvenile diabetes. As a reward for their efforts, students had an opportunity to pie Principal Kirsten Frankovich in the face. The school also sent 103 care packages to active duty service members.

Chelsea Intermediate School students raised \$35,755 for the Kids Heart Challenge, which benefits the American Heart Association. Hickory Creek Middle School students raised \$9,000 for cystic fibrosis and sponsored Christmas gifts for 600 students at Cesar E



Grand Prairie Elementary School students donated 1,113 food items to the Frankfort Township Food Pantry last school year – just one example of a charitable giving initiative students are involved in at Frankfort School District 157-C.

Chávez Multicultural Academic Center in Chicago. Additionally, seventh-graders at the school raised \$5,368 for Honor Flight.

Students from all three schools raised \$5,780 for Lincoln-Way Special Recreation Association wheelchair basketball. Students also collected more than 2,500 non-perishable food items for the Frankfort Township Food Pantry, and the District Office donated 25 hams during the holidays.

“Our kids know how to show appreciation for others and give back,” Superintendent Dr. Maura Zinni said. “This community is extremely generous, and we should really be proud of what our kids do. They are quite thoughtful and know the impact of giving back.”

The District looks forward to continuing to give back in the year ahead. 🍷

Frankfort Township Food Pantry

Frankfort Township’s food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the Frankfort Township Office, 11000 W. Lincoln Highway.

For more information, call (815) 806-2761.



Summit Hill School District 161's Focus is Future Ready Students

By Barb Rains, PHR, Superintendent of Summit Hill District 161

While moms and dads post pictures of their children on social media preparing to begin another school year, our staff members and administrators anxiously await our first day of school. We have 180 days to make a difference and our adventure begins shortly.

Our focus this year in District 161 will be a combination of Board Goals 1&2 which include individual student growth in a safe, inspiring learning environment. We will enhance our school culture of achievement by continuing to nurture safe and welcoming environments, an unwavering belief in the ability of all students to achieve success, and the establishment of clear expectations that we will follow consistently throughout the year.

Our plan includes dashboards to monitor grade-level readiness metrics that have as a foundation the Every Student Succeeds Act (ESSA) criteria as well as Lincoln Way's high school readiness checklist. In addition to academic

readiness, whole child indicators are included so that students are viewed as individuals and not just a test score.

We will continue our standards alignment and assessment



design work, accelerated math and language arts programming, and development of Science, Technology, Engineering, and Math (STEM) programming. We also will continue our focus on social/emotional learning, cultural awareness, and the District Safe Schools plan which emphasizes bullying prevention.

Our new SHSD161 app, which is available for download from Google Play or the App Store, provides on-demand access to school notifications, calendars, and much more to keep the entire community involved, informed, and engaged. Community users can personalize their experience and District parents can select on-demand academics and instant notifications like emergency alerts.

We have a meaningful year planned for District 161 students! Thank you to our school community for your continued support of the students and families we serve! 🍷



Public Parking Options - Downtown Frankfort

For your convenience, free parking is provided in municipal owned parking lots located throughout the downtown district.

All parking lots are marked for public use, have lights, and are within walking distance of all businesses in downtown Frankfort.

Thank You for Visiting Downtown Frankfort!

Village of Frankfort Mobile App!

Download a free mobile app from iTunes (Apple products) or Google Play (Android products) and stay connected to the Village with your mobile device!

Search "Village of Frankfort" to download the free app!

Frankfort Park District – Come Join the Fun!

By Gina Hassett, Executive Director, Frankfort Park District

Each year, summer seems to go by so fast. The Frankfort Park District continues to experience increases in the summer camps and programs enrollment. It is exciting provide the residents memorable experiences. The District also serves many visitors at our parks and special events. Throughout the summer, the District hosted many special events including the annual 4th of July Fireworks at Main Park. The Fireworks are made possible due to a partnership with the Village of Frankfort, Frankfort Chamber of Commerce, Frankfort Kiwanis, Firefighters Union 4338 and the Frankfort Firefighters Foundation. Events photos are posted on the Park District's Facebook page.

In the summer, the park district ball

fields are bustling with Frankfort Baseball and Frankfort Girls Softball activities. The fields host league games, as well as travel games and tournaments. The league activities are coordinated by the volunteer Board Members and Coaches that serve Frankfort Baseball and Girls Softball. These volunteers provide a great service to the families of Frankfort – the Park District is thankful for their service! With the fall weather



Family Fall Campfire & Campout

approaching, the fields at Main Park will transition to hosting the Falcon Football and Cheerleading program. If you're around Main Park, check out the Falcon games, you won't be disappointed.

Park District staff has planned many activities for this fall.

- Family Fall Campfire & Overnight Campout – Sept. 20
- Mother/Son Football Homecoming Dance – Sept. 27
- Senior Fall Luncheon – Oct. 1
- Scarecrow Building Contest – October 9
- Halloween Haunting – Oct. 18
- Pours for Parks Beer Tasting (21 & Over Event) – Oct. 19

For details on individual programs, visit the www.frankfortparks.org or call (815) 469-9400. 🍷

Transparency & Trust - the Driving Force Behind FSPD

By Jim Randall, Executive Director, Frankfort Square Park District

The Frankfort Square Park District's (FSPD) major advancement and innovation is the provision of its history, accessible at www.fspd.org.

Transparency is the new objective, and the FSPD is committed to ensure its records related to governance are available to residents; not from the past few years, but since its incorporation in 1974. Park Board minutes, accounts payable listings, treasurer's reports, and audits are available to all.

The FSPD community has instilled trust in their Park District through

election of committed Board Members, referenda support, and more importantly, participation in five community-wide surveys, beginning in 1995. The information gathered was developed into master plans that created programs, facilities, and governance of FSPD.

Soon FSPD residents will receive a survey regarding future efforts and direction. It is hoped that all households participate. As always, the survey and generation of data will be compiled by a third party.

Equally important is how the 2018 referendum proceeds are improv-

ing and creating new opportunities that include pickleball courts/multi-generational swings/Union Creek football and baseball picnic shelters/tree planting/asphalt path improvements, etc.

The Park Board is evaluating the importance of transparency and related trust, how to continue providing FSPD information, and respond quickly and professionally to its residents.

For more information, visit our website at www.fspd.org, call us at (815) 469-3524, or follow us on Facebook. 🍷

Fall Safety Message

By Robert Wilson, Fire Chief, Frankfort Fire Protection District



It's difficult to comprehend that we are discussing the fall and winter months approaching within this newsletter, but here we are. The Frankfort Fire District is reminding all residents to ensure that each home has a working carbon monoxide alarm. When the weather starts to cool and furnaces are being started for the first time, the fire department's calls for

carbon monoxide alarm activations also increase. While we encourage residents to call the fire department when the alarms sounds, we would like to present a few safety tips to help eliminate false activations. Take a quick moment today to look at your own carbon monoxide alarm to ensure yours are up to date and protecting your family as designed. Most carbon monoxide detectors are good for 5-7 years and should be replaced after that time frame. Typically, the units have a tag or date stamp on the back to indicate its "age" or expiration date. While you have the ladder out, this is an opportune time to also quickly test the smoke alarms in your home as well. We recommend changing the batteries

for both types of alarms at this time.

We also would like to remind you of a few kitchen safety tips. Do not wear loose fitting clothing while cooking, and be careful not to reach across a burner at any time. Garments with long draping sleeves or lightweight sheer materials can catch fire simply by brushing up against a hot burner. Keep handles of pots and pans turned in so they are not accidentally bumped and small children cannot reach them.

For additional safety tips and upcoming events visit our website at www.frankfortfire.org. 🍂

Frankfort Chamber Appreciates You!

By Marianne Melcher, Executive Director, Frankfort Chamber of Commerce

Another wonderful Concert on the Green series at Breidert Green Stage is coming to a close. Please join us for the season finale on Sunday, August 25 from 6:30 pm – 8:00 pm, where our Fall Fest flag will be raised, indicating Labor Day weekend will soon be upon us, bringing in our 51st annual Frankfort Fall Festival!

With much thanks to our Frankfort community members, our Frankfort Chamber Fall Festival is ranked as one of the largest volunteer run Arts & Crafts shows in the country! We are very excited about this year's theme, "Star

Fest...It's out of this world"! We look forward to welcoming close to 300 extremely talented, new and returning artists this year. For more information about our Fall Festival, including our artisans, Garden and Breidert Green entertainment lineup, parade and more, please visit www.frankfortchamber.com/fall-fest. If you are interested in volunteering for this wonderful event, please contact our Frankfort Chamber office at (815) 469-3356.

Thank you for your continued support of our Frankfort Chamber of Commerce. Your support allows us to pay it forward and provide

financial assistance to local non-profit organizations. If you are a local business and you have not yet joined our Chamber, please contact our office for further information on becoming a member! We welcome you to join us at one of our monthly Meet, Greet & Network events held on the third Tuesday of the month from 7:30 am - 9:00 am at the Frankfort Public Library. This event offers a great networking opportunity and will give you some insight into what makes our Frankfort Chamber so strong! We look forward to partnering with you. 🍂

Busy All Year

By Pierre Gregoire, Library Director



The library has been jumping over the summer! Our programming for Youth, Teen and

Adults have been packed with people exploring a Universe of Stories in Summer Reading programs; learning to make things for themselves in STEAM Camp (a collaboration with Space Lab of Mokena); and experimenting with digital remastering of home videos and photos.

Honestly though, the library is busy all year. It is the ultimate space for exploring what you did not know, that you did not know. Borrowing is managed for 30 book clubs, library sponsored and independent, all year long. The Friends of the Library offer \$1 books for sale every day. Patrons reserve the meeting rooms for monthly meetings of local HOAs, business meetings, community gatherings, census training as well as many club meetings. All year, patrons make connections with each other to discover shared interests and shared business plans.

As you work your way into Frantic Fall, take time out to create, grow, feel, play and think at the library. Meet old friends and make new ones while you share a mystery, calmly discuss social concerns from Racism to LGBT; examine medical and emotional issues from Alzheimer's to addiction; center yourself by making greeting cards to learning woodburning; explore self-expression from a 30 second commercial to independent film-making.

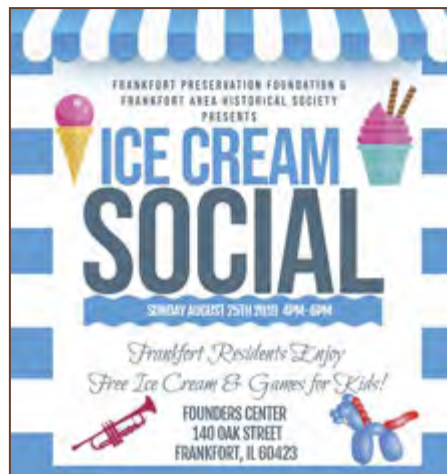
We work for learning. Come and learn with us! 🍷

Frankfort Area Historical Society/ Frankfort Preservation Foundation

By Frankfort Area Historical Society/Frankfort Preservation Foundation

Many changes are taking place at the Frankfort History Museum! A new exhibit on early twentieth-century kitchens opened. Visitors will soon be able to view recent interviews with long-time residents. Slides and photographs important to Frankfort's history are being digitalized. Christmas ornaments, highlighting Frankfort's Bluegrass Festival, are now available. Stop by and say "hi!"

Fund-raising efforts to save the Water Tower continue as the FPF explores new ways to publicize our work. The Board currently corresponds with a few paint companies familiar with old



community water towers.

Donations are welcome and can be sent to FAHS, P.O. Box 546, Frankfort, IL, 60423 or GoFundMe Save Frankfort Water Tower. Thank

you to all who contributed so far!!

Please join us at our ANNUAL ICE CREAM SOCIAL, Sunday, August 25, 4 pm - 6 pm at the Founder's Center, 140 Oak Street. All residents are welcome to this free annual event that celebrates the end of the summer. Come listen to the Frankfort Brass Band, enjoy an ice cream sundae, and watch children play games and win prizes. If you are brave enough, enter the annual PIE EATING CONTEST, banana pies supplied by Enrico's. The competition is fierce! Both the FAHS and FPF will be hosting food booths during Fall Fest. Again, stop by and say "hi!" 🍷

Farina Trustee Talk, from Page 4

In addition, I have attended all village board and committee meetings, and I am grateful to staff and community leaders for their mentorship as I begin this important journey to serve Frankfort. If you have any questions or concerns about our town, please feel free to contact me anytime at mfarina@vofil.com or (815) 469-2177. 🐾

Burglaries, from Page 7

detection strategies.

- In some cases, the offenders have used garage door openers left in unsecured cars to gain access to garages looking for additional vehicles that have keys in them.
- Thanks to the new sales tax referendum we are in the process of hiring additional officers. This will allow for additional directed patrol positions which will allow that officer to focus primarily on current crime trends and traffic issues. 🐾

Mayor's Message, from page 8

Against Crime. Introduce yourself to an officer on the street. Let him or her know of any safety concerns you may have. Ask them what you can do to help keep our community safe. While we count on you to help us fight crime by reporting any suspicious activity you observe, we want you to also understand that your police officers work to make your lives safer and more enjoyable. Once you meet them, I think you will agree that Frankfort's police officers are there to help, serve and protect the people of Frankfort. 🐾

Neighborhood Address Canvassing August 4th – October 18th

United States Census 2020

The Census Bureau is conducting address canvassing operations in the Frankfort community from August 4 – October 18. To accomplish this, the Census Bureau has hired people from the Frankfort community to visit neighborhoods to confirm the locations of houses, apartments and other places where people could live or stay.

The purpose of Address Canvassing is to ensure the Census Bureau address list is accurate and complete for the 2020 Census. This will help the Census Bureau achieve their goal of counting everyone once, only once, and in the right place.

How can you recognize these census employees?

Canvassers will always have the following Census Bureau credentials and materials:

- An official government badge with photo ID
- An official bag with the 2020 census logo
- An official laptop with the 2020 census logo

In addition to address canvassing, the Census Bureau routinely deploy staff in communities to collect responses, drop off materials, etc. Employees conducting this work will have official Census Bureau credentials and materials.

If you have any questions, please do not hesitate to contact the Village of Frankfort at (815) 469-2177. 🐾

Do you have a question or comment for the Village Board during the live Village board meeting?

If so, email voflive@vofil.com during the meeting!



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THE FRANKFORT VILLAGER

VILLAGE OF FRANKFORT NEWSLETTER

NOVEMBER 2019

Mayor's Message

By Mayor Jim Holland



Promises

As we approached the November election a year ago, we distributed several

publications to Frankfort residents that stated if the voters passed a 1% Non-Home-Rule Sales Tax, then we would use the funds to hire police for new crime prevention programs, to fund major infrastructure improvements and to fund other village operations. The referendum passed, so, how are we doing on those promises?

While the tax was passed in November, it did not go into effect until July 1. We received our first payment from the tax last month. Realizing that by state law, the hiring of police officers takes considerable time, we decided to direct the police chief to begin the hiring process immediately after the November election. Since then we have added five new police officer positions. Two have completed Police Academy training and are now in field training. Two are at the Academy now. One more is scheduled to start the Police Academy in January. The five new officers will be assigned to

Continued on page 17

Recycling Done Right

By Robert Piscia, Village Administrator

In an earlier edition of the Frankfort Villager, I wrote an article outlining the proper procedures for recycling household materials. I have received several requests to cover this important topic again. While most residents are recycling with the best intentions, many times we are putting unacceptable items into the system. This has caused ever-increasing costs to the waste haulers so much so that several communities in the Chicago area have eliminated recycling as an option. There are steps that we can take to help make our recycling effective.

Our contracted waste hauler, Homewood Disposal advises "over-recycling adds garbage, food waste, and hazardous materials into the recycling stream. As trucks deliver their mixed recyclable loads to sorting facilities, these contaminated items, destroy "good" materials and grind the progress of sorting facilities to a halt." It is important that we only place acceptable materials into our recycle bins to ensure appropriate disposal. These items include:

- Aluminum, tin and metal cans
- Plastic bottles and containers
- Glass bottles and jars
- Cardboard milk, juice, broth cartons
- File folders



- Junk mail
- Flattened cardboard boxes
- Newspapers.

Below are links to aid in proper recycling techniques:

www.mydisposal.com

www.mydisposal.com/quiz

As a reminder, electronics cannot be placed at the curb to be picked up and electronics recycling became mandatory in January of 2012. This is mainly due to hazardous materials that are used and encased in most electronic items. Unfortunately, our waste haulers are not legally able to

Continued on next page

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VILLAGE OF FRANKFORT

- Mayor Jim Holland
- Clerk Eugene Savaria
- Trustees Adam Borrelli
 John C. Clavio
 Margaret M. Farina
 Keith Ogle
 Jessica Petrow
 Richard Trevarthan
- Administrator Rob Piscia

Administration Building

432 W. Nebraska Street
 Frankfort, IL 60423
 Phone: (815) 469-2177
 Fax: (815) 469-7999
www.villageoffrankfort.com

Village Board Room

Village Board meetings are held on the first and third Monday of each month at 7:00 p.m. in the Administration Building. Meetings are available on cable TV and online at www.villageoffrankfort.com.

Special meetings and standing committee meetings are scheduled monthly, or on an as-needed basis, and are announced. The public is invited to all meetings.

THE FRANKFORT VILLAGER

is circulated three times yearly to residents and businesses in the Village of Frankfort. Circulation is currently 7,900.

Statement of Purpose: To inform the community of issues, policies, and personalities pertaining to government in our village.

Recycling Done Right, from Page 1

accept these items with our regular trash. Electronics that have been banned from disposal in the trash include:

- Televisions
- Monitors
- Printers
- Computers (Desktops, Laptops, Notebooks, Tablets)
- Electronic Keyboards
- Fax Machines
- Videocassette Recorders
- Portable Digital Music Players
- DVD Players
- DVD Recorders
- Video Game Consoles
- Small Scale Servers
- Scanners
- Electronic Mice
- Digital Converter Boxes
- Cable Receivers
- Satellite Receivers
- Cell Phones
- Computer Cable
- Portable Digital Assistants (PDAs)
- Zip Drives.

Thankfully, Will County has free electronics drop off sites located throughout the area. Specific



information about this program can be found at www.willcountygov.com/greenguide/electronic.aspx.

Proper recycling is important as it helps items from ending up in landfills. The ultimate goal is to create well-informed residents that feel confident recycling at home. We hope everyone becomes a recycling know-it-all. If you would like to know about more about recycling, please visit www.mydisposal.com/resources. ♦

Dial it Back...

Help us do our part to protect our waterways and environment by “dialing back” the amount of time your softener regenerates and the frequency of those regenerations.

- Check the hardness setting of your water softener and set it to 25 grains or less
- Increase the time between regenerating cycles by one day at a time until the effective softening time is maximized
- Consider having older softeners evaluated by a professional to ensure it is operating efficiently

Optimizing the operation of your water softener is a simple and effective way you can reduce the amount of chloride entering the environment. If you have questions, contact the Utilities Department at (815) 469-2177.



Trustee Talk

By Trustee Keith Ogle



It has become a sad joke of acceptance... The local news has been filled with FBI raids and indictments. We hear of

sweetheart deals, conflicts of interest, and politicians pedaling the influence of their positions to enrich themselves or their businesses at our expense...and we shrug and say, "typical Illinois."

Trust in government, media, and elected officials seems to be at an all-time low, and in my conversations with residents they are dismayed and disheartened at the corruption and blatant disregard for the law.

There was a Public Policy Poll a few years ago that said that Congress is only slightly more popular than head lice. The head lice demanded a recount!

All kidding aside, conscientious, hard-working people and their communities are unfortunately painted with that same brush.

I have always been impressed with the way that our village employees take care of our community. I think they have earned a reputation for going above and beyond, and I am proud of Frankfort being awarded a Certificate of Achievement for Excellence in Financial Reporting for the 30th year in a row by the Government Finance Officers Association.

We are heading into a very important time for Frankfort. Our community is surrounded in a triangle of development. A casino has been proposed on our border at Rt. 30 and Harlem Ave. and we have distribution warehouses popping up all around us with their resultant truck traffic. It is our residents who should control the direction of our development, and not regional forces that would like to dictate how we grow, for their benefit, not ours.

The Village Board and Administration continue refining and updating our Comprehensive Plan for the future development in Frankfort, and we have spent the better part of the year engaging our residents in the process. Some of the projects that have been identified, will possibly be "3P" Projects (Public/Private Partnership) involving land transactions, infrastructure expense, and development incentives.

The integrity and transparency of this process is very important, and there shouldn't be even an appearance of impropriety.

Chicago's new mayor has introduced some fairly strong ethics reform ideas. At our September 16th village board meeting, I asked that while we are revisiting and updating our existing policies, that we review our own ethics rules, last updated in 2006.

We have a lot of meetings... Some of these can be marathon sessions, but I would rather err on the side of transparency and

maintain a free flow of ideas. A great deal of thought and discussion go into our decisions, trying to make sure our tax dollars are being used wisely and that we are creating good policy.

We don't always agree, and that is part of the process, but any idea presented should be capable of withstanding critical examination.

I think it is vital that as we move forward with an ethics ordinance that we also engage our residents in the process of crafting this ordinance. We can hold ourselves to a higher standard as a community and lead by example. ♦

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Funding the Missing Link

By Jeff Cook, Assistant Village Administrator



Thirteen years ago I wrote about major intersection improvements completed on Route 30 at Pfeiffer Road. The year was 2006 and full improvement of Route 30 was but a pipe dream and recessionary fears remained the subject of debate, if not outright dismissal. Further north in the Lighthouse Pointe subdivision, extensions of Colorado Avenue and Pfeiffer Road opened up, promising one day to form alternate routes for both vehicular and non-motorized travel. In this issue of *The Villager*, Mayor Holland identifies the missing link of Pfeiffer Road as a major infrastructure project under consideration.

Construction of Pfeiffer Road between Lighthouse Pointe and Route 30 is expected to result in several community benefits. More than 700 existing homes would gain improved access to the Frankfort Library and Old Plank Road Trail via a multi-use path contemplated to parallel the roadway. The

connection would also provide non-motorized connections to the many miles of trails and amenities provided by the Frankfort Square Park District.

Economic benefits stand to be gained by dividing the land owned by Silver Cross Hospital on the north side of Route 30. The roadway will create new opportunities for commercial development at the planned four-way signalized intersection of Pfeiffer Road and Route 30. Further, the divided land would become more manageable to find prospective purchasers and developers. Together with the recommendations of the Village's updated Comprehensive Plan, the road project offers a path forward towards the future development of the Route 30 corridor.

I would be remiss to ignore opportunities created for local north-south vehicular travel. The existing road in the Lighthouse

Pointe Subdivision is designed as a collector road. A collector road is built to carry more vehicles than side streets and minimizes the presence of residential driveways. Throughout Lighthouse Pointe, no residential driveways are constructed or planned to intersect Pfeiffer Road, which by design will carry more vehicles and provide convenient travel options for local residents.

Linking the north and south sections of Pfeiffer Road remains the subject of consideration at the time of this writing, but its eventual presence was cast long ago. Cooperation with Silver Cross Hospital, the land owner, and local legislative decisions will determine if and when we will fund the missing link. ♦

**YOUR FUTURE
YOUR FRANKFORT**
2040 COMPREHENSIVE PLAN

Final Draft Available

Visit: www.yourfrankfort.com

After more than a year of community engagement and effort reworking the comprehensive plan, the final draft document is available at yourfrankfort.com or printed copies may be requested at Village Hall. Thank you to all participants throughout the process for helping shape this document and Frankfort's future. ♦

What's Taking So Long?

By John Burica, Chief of Police

Okay so the tax referendum passed and the Mayor and Village Board as promised said "hire officers," but why don't we see them on the streets. What many don't understand is that the process to hire an officer is not a quick one. The process starts with completing an application, then an orientation; this is followed by a written test, then an oral interview by the Police Commission. This process just gets you put on a list that is used to hire when we have open police officer positions. We are obligated by state law to use this process and to go in order of the list, so no matter who is on the list we start at #1 and go in order until the list is exhausted or expired. The only exception to this is for previously certified officers who are on the list, if any.

Once the list is established and we are authorized to hire an officer, we start with the highest ranked candidate and begin the background investigation. This can take several weeks to complete as it includes a neighborhood canvas, reference checks and obtaining



basic background information on the candidate. Once this is done information is compiled and reviewed and the candidate is sent to a polygraph test.

This information is presented to our Police Commission who evaluates all the information and decides if the candidate meets the requirements to move forward in the process. If the candidate does not meet the requirements, the process ends. If they do meet them, the process continues with a conditional offer of employment, pending successful completion of medical and psychological testing. Medical tests are completed to make sure they are able to meet the physical requirements of a police officer. Candidates are also sent for a psychological test. This is done by

a trained doctor who will evaluate several mental and emotional factors and evaluate the candidate for suitability. Once this is done they are HIRED!

This process will take several weeks to months. Once completed they now have earned the reward of going to a 14-week Police Academy to learn about judgment, implicit bias, partiality, criminal and traffic laws, mental health and de-escalation techniques. They participate in defensive tactics and scenario based trainings dealing with domestics, mental health and traffic stops to name a few. After this 14-week training, they are finally back to Frankfort for - you guessed it - more training. The final phase of the officer's initial training is Field Training. This consists of the officer riding with a certified Field Training Officer who continues to teach and evaluate the recruit. This process allows them to bring what they learned in the Police Academy and demonstrate these abilities on the streets. Once they successfully complete this on the job training phase, they are released to patrol on their own. They continue to be mentored and evaluated closely for a minimum of the next 12 months.

Hopefully, this sheds some light on the rigors of getting officers hired and trained and a better understanding that the process is much different than hiring for most other professions. We are currently in the training process with five new officers and look forward to when they finally achieve the ability to begin solo patrol. ♦

Shop Small Business Saturday

Saturday, November 30

The Village of Frankfort celebrates our local small businesses and their contributions to our local economy and community. Residents are encouraged to support the Saturday after Thanksgiving as a day to shop small and shop local in Frankfort!



Preparing for Winter Weather

By Terry Kestel, Superintendent of Public Works

While you are reading this edition of the Villager the leaves will be falling, which signals that soon the winter weather will be arriving. Being prepared for this weather is important for both Village staff and residents to assure a safe snow removal season.

In preparing for the winter weather, the Village snow removal equipment is installed on the trucks and salt spreading equipment is calibrated. Snow plow routes are adjusted to accommodate additional streets. The Village requires staff to attend annual snow removal safety training. Two new snow plow trucks were delivered in October to replace two older trucks. These are just a few of the continuing activities the Village uses to prepare for winter.

Checking the snow thrower, purchasing sidewalk salt, and making sure to have a good snow shovel are ways residents can prepare for the winter. Additional



winter preparedness should include:

- Wearing appropriate layered clothing that provides ventilation and insulation, hats and gloves, and boots with slip-resistant soles.
- Clear snow early and often to reduce heavy packed snow.
- Be aware of your surroundings when using snow thrower to avoid injury or damage from thrown snow or debris.

- Use caution while driving near snow removal equipment. Allow enough space that the snow plow driver can see you should they need to back up to clear the snow.
- Avoid placing snow from the driveway into the street as this creates dangerous roadway conditions when it refreezes.

Whatever the winter weather brings this season, being prepared will help to having a safe winter. ♦

Snowfall Parking Reminder

Per Village Ordinance, it is unlawful to park any vehicle or for any vehicle to remain parked upon any street in the Village between 8:00 PM and 8:00 AM after a 2" snowfall. This is to ensure that all village roadways can be safely cleared.

When shoveling or plowing your driveway, please refrain from pushing snow into the street. This causes snow buildup and makes it difficult for plows to effectively clear the streets.

Thanks for your cooperation.



Preventing Frozen Pipes

By Michael Stone, Director of Utilities

As the seasons change and temperatures drop, it's a good idea to make sure your home's water system has been properly winterized. A few simple precautions can eliminate costly and untimely plumbing repairs.

Before we dive into this issue, let's first discuss why cold weather is a problem for water-related systems. Water is unlike most other substances in that it expands when it freezes. When water freezes, the resulting expansion creates enormous amounts of pressure on the containing vessel. If this container is a pipe, it is likely to break, regardless of the material. Outdoor appurtenances that are most prone to freezing typically include outdoor hose bibbs and lawn sprinkler lines. Interior water pipes that commonly freeze are typically located in unheated areas such as basements, crawl spaces, garages, and attics. Interior pipes in heated areas that run against exterior walls with little to no insulation may also experience

freezing.

So what can be done to prevent frozen water pipes? Around the outside of your home, make sure all hoses are disconnected from exterior hose bibbs. If your hose bibbs are not "frost-free," make sure they have been properly shut off and drained. Lawn sprinkler systems should also be properly disconnected from the water supply and drained. Inside your home, consider installing heat-tape or insulation around water pipes that are located in unheated and uninsulated areas that have a greater chance of freezing as discussed above. These materials can be purchased at most home building supply retailers. Additionally, it is recommended to maintain a minimum indoor temperature of 55° F throughout the winter months to ensure your water pipes are not subjected to freezing temperatures. It is also a good idea to become familiar with the location and operation of the interior water shut-off valve for



your home's plumbing in the event the water needs to be turned off during an emergency. If you experience a broken water pipe and are unable to shut off the water inside your home, please contact the Utilities Department at (815) 469-2177 to have your water service turned off.

The onset of winter and freezing temperatures presents its own set of challenges for our community. However, with a little forethought and prevention, frozen water pipes in your home does not need to be one of them. ♦

Submit Your Winter Beautification Award Nominations!

Have you noticed a property that is extraordinarily pleasing to view? It is likely the owners have spent considerable time, effort and expense to make their property so beautiful. We applaud them and we want to recognize them. Please complete this form and we will see that the owner receives appropriate recognition.

Name of Nominee (Optional): _____

Address of Nominee: _____

Description of Project/Reason for Nomination: _____

Submitted By: _____ Date Submitted: _____

Please return completed form to the Village Administration Building, 432 W. Nebraska Street, Frankfort, IL 60423 or email to Sue Lynchey at slynchey@vofil.com by **December 17**.



The Village of Frankfort Invites You to Celebrate
Lighting of the Green Ceremony



Thursday, December 5, 6:30 PM – Breidert Green – Downtown Frankfort

Please Join Us for an Evening of Family Fun!

Performances by the
Hickory Creek Middle School Choir & Black Willow Brass Quintet

Refreshments will be served by
Volunteers of the Lincoln-Way East Interact Club

Santa Claus Comes to Town

**REINDEER
ON THE
GREEN**



**Breidert Green – Downtown Frankfort
Saturday, December 14
Noon – 2 PM**

Caroling on the Green
Presented by
**Frankfort Girl Scouts
Service Unit 718**

Performance by the Black Willow Brass
Quintet

Hot Cocoa • Cookies • Toasty Bonfire

Presented by the Village of Frankfort



Winter on the Green in Historic Downtown Frankfort

January 12: Ice Fest

Experience the magic when an ice sculpture unfolds before your eyes during a demonstration by professional ice sculptors (12:30 PM). Ride the free heated trolley through downtown Frankfort and view ice sculptures on display. Trolley available until 2:00 PM! Bring your camera for great photo ops! What a "cool" way to spend your Sunday afternoon!

January 19: Winter Carnival

Why wait until summer to enjoy an outdoor carnival? Come enjoy an afternoon with your family, friends and Frosty the Snowman! Enjoy DJ music, kid-friendly carnival games, crafts and much more.

January 26: Winter Sports

Come play on the Green – it's Winter Sports! Test your skills at ice bowling. Take the snow sled run, if you dare. Play "Short Hockey". Then warm up by a blazing fire with hot chocolate. Good family fun for everyone!

February 9: Valentine's Weekend

Bring your Valentine sweetheart to taste a variety of chocolate fondue delicacies prepared by the Rotary Club of Tinley Park-Frankfort! Heartland Blood Center will have a mobile unit available beginning at 10:30 AM for donations. Visit members of Frankfort Boy Scout Troop 270 while they demonstrate a winter campout and sample their hot cobbler made in Dutch ovens!

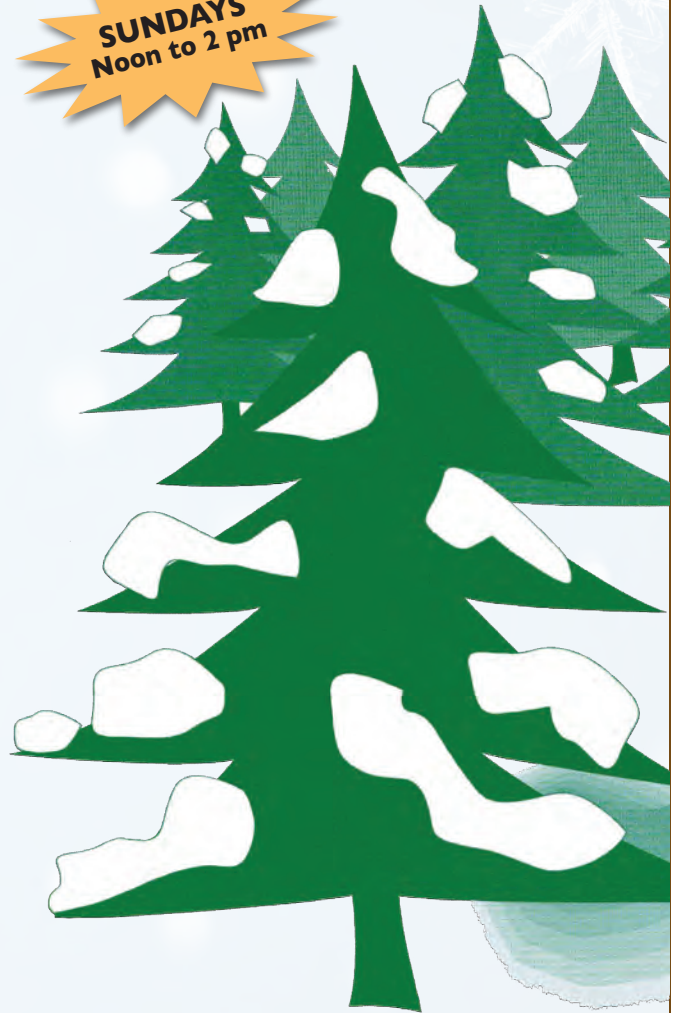
February 16: Chili Cook-Off

Battle of the Bowl! CHILI WANTED: best aroma, bite, color, consistency, originality, flavor and heat! Contestant registration forms available at www.frankfortchamber.com (under the calendar of events) or at the Village Hall (432 W. Nebraska). Fiery competition and sizzling free samples! Prizes awarded – Get Cookin'!

Sponsored by the Village of Frankfort & Thanks to our Special Sponsors:

Frankfort Boy Scouts Troop 270	Frankfort Lions Club
Frankfort Chamber of Commerce	Frankfort Park District
Tinley Park-Frankfort Rotary Club	

SUNDAYS
Noon to 2 pm



Breidert Green in the Historic District of Frankfort

SUNDAYS, NOON UNTIL 2:00 PM
January 12 thru February 16, 2020

Share hot cocoa & cookies with your friends
& family at these FREE events!

For more information visit
www.villageoffrankfort.com

Welcome the Holidays with Upcoming Chamber Events

By Marianne Melcher, Executive Director, Frankfort Chamber of Commerce

The holidays are rapidly approaching and your Frankfort Chamber of Commerce and local businesses are preparing wonderful events for all to enjoy!

Sign up today on the Chamber website www.frankfortchamber.com for the 15th annual Cookie Walk on Saturday, December 7, and Sunday December 8, to enjoy the opportunity to visit many downtown shops and collect a delicious cookie at each participating location! These tickets sell out quickly, so don't delay!

No registration is required to attend our Christkindl celebration held the same weekend. This holiday tradition has something for everyone in the family. Whether you choose to take your picture with St. Nick as he strolls our quaint streets, enjoy live holiday music on the Green, decorate a

holiday cookie, or be part of our Lantern Parade leading to a cozy fire at Breidert Green for holiday story-telling, you won't want to miss this fun family weekend in downtown Frankfort!

The 24th annual Midnight Madness shopping event will return on Friday, December 13. Gather some friends and family and visit area businesses for late-night shopping full of special deals, raffles, refreshments and more! Visit our website for a preview of participating businesses. Thank you for supporting our local shops!

Our Chamber staff and Board of Directors wish you all the very best this holiday season!

Please be sure to mark your calendar for these upcoming events:



Chili Cook-Off

Sunday, February 16

Community Showcase

Saturday, March 21

Further details to follow. ♦

Cookie Walk Weekend

**Saturday, December 7
or Sunday, December 8
Noon to 3 PM**

Must purchase tickets!

Each ticket allows you to come Saturday or Sunday and collect a festive, individually wrapped holiday cookie at up to 25 downtown Frankfort Merchants.

Register today at www.frankfortchamber.com or call (815) 469-3356.

Christkindl Weekend

**Saturday, December 7
& Sunday, December 8
Noon to 3 PM**

Visit historic downtown Frankfort for **FREE** Christkindl activities for the entire family!

Visit www.frankfortchamber.com or call (815) 469-3356 or information on these events!

*Presented by the Frankfort Chamber of Commerce
and the Frankfort Historic Business Alliance*



Lincoln-Way High School District 210 Update

By Dr. R. Scott Tingley, Lincoln-Way High School District 210



For the second straight year, all three Lincoln-Way high schools academically ranked among the top 10% in the state, all three earning the summative rating of "Exemplary," the highest ranking the Illinois State Board of Education offers. The designations provide a public benchmark for each school's progress toward the goal of preparing all students for success in college and career.

The financial health of Lincoln-Way District 210 continues to improve as shown through the results of the District's fiscal year 2019 annual financial statement audit. The

District ended the fiscal year with just \$1.75 million in outstanding short-term loans. This is in comparison to \$20 million outstanding in 2016. Since 2016, the District has realized a \$17 million increase in the general fund. These achievements have led to an improved financial profile status with the Illinois School Board of Education, from "Financial Watch" to "Financial Early Warning," and the District anticipates an upgrade to "Financial Review" in spring 2020.

Additionally, Lincoln-Way 210's expenditures per pupil are \$12,311,

the lowest out of all collar county high school districts, and the 20th most economic cost per student amongst all Illinois high school districts. CPA David Meyer applauded Lincoln-Way for its financial statements: "You're doing a great job with the money you have available to educate your students."

Thank you to the entire Lincoln-Way community for their continued support in helping our students grow and succeed. We look forward to continuing this positive momentum throughout the 2019-2020 school year. ♦

Your Opinion Counts!

Let us know your thoughts, concerns, or suggestions on ways to improve our village. Let us know about acts of people who deserve special recognition. The Village will review submissions for appropriate response and action.

Dear Village Board, _____

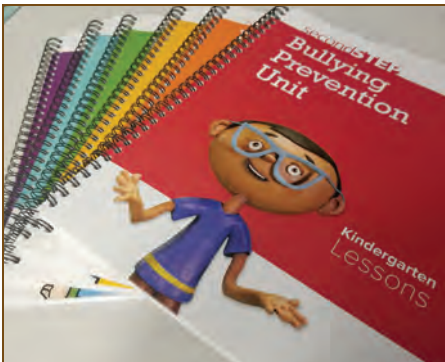
Address & Phone (optional) _____

Drop the completed form off at the Village Administration Building or mail to:
Village Board, Village of Frankfort, 432 West Nebraska Street, Frankfort, IL 60423
or visit www.villageoffrankfort.com and click on "Contact Us."



Frankfort School District 157-C Sharpens Focus on Social Emotional Curriculum

By Dr. Maura J. Zinni, Superintendent of Schools, Frankfort School District 157-C



Social emotional learning materials at Frankfort School District 157-C are age-appropriate, tailored to each grade level.

Frankfort School District 157-C is committed to preparing children fully for high school and beyond, with a strong focus on social emotional curriculum and academics.

Members of the District's Social Emotional Learning Committee are continually evaluating the District's curriculum to ensure it equips students with the tools they need to be successful in and out of the classroom.

The District is part of the Collaborative for Academic, Social and Emotional Learning (CASEL), which provides standards on social emotional learning (SEL) to schools throughout Illinois and the nation.

CASEL's core competencies for SEL include self-awareness, self-management, responsible decision-making, relationship skills and social awareness.

Research shows that children who receive a robust social emotional

curriculum experience greater academic achievement and have fewer problems with conduct inside and outside of school.

For preschoolers, Project BEGIN teaches about topics like self-awareness, social awareness, and self-management. For kindergartners through fifth-graders, Second Step offers age-appropriate lessons on subjects like empathy, focusing attention, listening, bullying prevention, positive self-talk and being assertive. For sixth- through eighth-graders, Mawi Learning focuses on subjects like solving problems, setting goals, mindset, finding one's voice, taking time for oneself and

becoming a leader.

"We are very proud of the District's comprehensive Social Emotional Learning Program we provide beginning in pre-K all the way through eighth grade," said Dr. Maura Zinni, superintendent of District 157-C. "We know that academic success and social emotional learning go hand-in-hand. We are fortunate to have dedicated and compassionate staff who teach social and emotional skill lessons to our students and reinforce these skills through positive interactions both during school and as a part of our robust extra-curricular opportunities." ♦



Single Focus This Year: To Increase Student Growth and Achievement

By Barb Rains, PHR, Superintendent of Summit Hill District 161

Over the last several years, we have worked systematically to align our curriculum, instructional practices, and professional development to support student mastery of our learning standards. Our efforts have been coupled with a multitude of support: lower class sizes, instructional coaches, increased time for math, and additional math teachers, to name a few.

To further support our efforts, professional learning communities (PLCs) are being piloted at our junior high this year. PLCs are daily teacher collaboration time that is built into the school day to analyze student data and learning strategies as a team or department.

The District also has introduced Freckle Education into the learning environment. Freckle is an online platform that provides students with math or reading support at their own level.

Finally, student goal setting is a priority. Teachers in all grade levels meet with students to help determine a student's target area and skills and concepts to work on.

There also is a continued emphasis



This fall, an innovative and technology-based after school club is offered at Frankfort Square School: Computer Coding Club. Coding Club is an opportunity for students to learn about computer science and computer coding through fun and interactive web-based games and activities on code.org. Pictured is Guste Sabonis who is participating in Coding Club activities.

on student growth in the area of social and emotional learning to ensure a safe learning environment. We are providing professional development through Youth Mental Health First Aid classes and Crisis Prevention Institute training for our staff members.

To strengthen safety in our schools, we were fortunate to work with the Will County Sheriff's Office on the implementation of an active-shooter drill. Despite the

unfortunate topic, all staff felt this training helped them feel more prepared should we ever experience a crisis in one of our schools. Efforts to strengthen our current District reunification plans are also in process.

Information related to these efforts is available on the official District 161 app under the Supt. Advisory icon. Please search Summit Hill District 161 in the App Store of Google Play for a free download. ♦



Public Parking Options - Downtown Frankfort

For your convenience, free parking is provided in municipal owned parking lots located throughout the downtown district.

All parking lots are marked for public use, have lights, and are within walking distance of all businesses in downtown Frankfort.

Thank You for Visiting Downtown Frankfort!



Planning for the Future

By Gina Hassett, Executive Director, Frankfort Park District



Friends sledding at Commissioners Park

Long range planning continues to be a priority for the Frankfort Park District. The Frankfort Park District is working on updating the District's Comprehensive Master Plan. This year the District completed a facility assessment of the District's assets. This assessment will be utilized as part of the

long range planning that will be a guide for the allocation of funds for maintenance and for future capital projects. During the comprehensive plan, the District will be seeking community input. The input is critical in guiding the Board and staff in the planning process.

District staff is at work year round, planning to provide quality recreational programs. There are programs for all ages, pre-school through older adult. If you have an interest and you don't find a program, reach out to the park district. Staff welcomes programming ideas and will work to meet the needs of the community. The District offers a variety of programs and special events. Take a look at the brochure or website for upcoming

opportunities. During the winter, there is the popular Daddy Daughter Dance, the Senior Valentine Luncheon and holiday activities.

As the weather turns from fall to winter, Park District staff will be working to set up the outdoor ice rinks at Main Park. The rinks are dependent on weather; updates are available on the District's website. If Mother Nature brings the snow, the sled hill at Commissioners Park will be ready. There are lights at the sled hill that are available for evening sledding.

The Park District Commissioner and staff goals are to provide quality recreational programming. Make time for you and take time to join the fun! ♦

Meeting Residents Needs in Planning for the Future

By Jim Randall, Executive Director, Frankfort Square Park District

Frankfort Square Park District (FSPD) residents recently completed a wellness and capital improvement survey, and results will be posted for resident review in the new year.

Wellness responses will lead towards the development of programming and facilities located to benefit residents, per their direction.

Capital improvements that have support will be developed and again presented to residents in further detail in a 2020 community-wide survey that will help

formulate a 5-year master plan.

We hope all residents take the opportunity to contribute the thoughts and needs of their household members.

2019 proved to be a busy summer of improvements, provided through the successful passage of the 2018 no-tax increase referendum, and the FSPD completed the following Year 2 projects:

- 6 lighted pickle ball courts
- Champions Park concession stand and meeting space renovation
- Pond enhancements and erosion control at Indian Boundary

South Park

- Ongoing park path renovation
- New shelters and scoreboards for football and baseball at Union Creek Park
- New playgrounds at Woodlawn Park, and soon-to-be completed at Kingston Park

Next spring, new beginner tees will be available at Square Links Golf Course, enabling youth and adults that are new to the game of golf, a greater chance of success as they begin enjoying this lifetime sport.

For information, visit www.fspd.org or call 815-469-3524 ♦

Winter Safety Tips

By Robert Wilson, Frankfort Fire Protection District

During the winter months, heating, lighting, cooking, and holiday activities increase dramatically and so does the risk of residential fires. Nationally, 40% of all residential fires occur from November through February.

Furnaces are beginning to run and space heaters are coming out of storage. Fireplaces and wood burning stoves are being gathered

around. All of these methods of heating are contributing factors to increased residential fire rates. Have your furnace and fireplace cleaned and inspected by a qualified professional. Inspect flues and chimneys for obstructions, holes or cracks. Give space heaters the space they need, a minimum of 3 feet from any combustible. Ensure space heaters have an automatic shut-off.

Families and guests tend to gather in the kitchen, but it can be the most hazardous room in the house if you don't practice safe cooking behavior. Careless use of cooking equipment, usually a range or stovetop, is the leading cause of home fires and home-fire injuries in the United States. ALWAYS have someone watching the stove!

Holiday decorating goes a long way to help brighten up our winter days and long nights. Unfortunately, decorations become a significant hazard if not used carefully. An estimated 250 home fires involving Christmas trees and another 170 involving holiday

lights and other decorative lighting occur each year across the U.S. By following a few simple safety tips on electric lights, candles and Christmas trees, you can avoid creating a tragedy. Please do not obstruct your homes address with decorations, please ensure that it is visible at all times.

As the snow begins to fall and accumulate, you can assist the Fire Department by clearing snow from fire hydrants and your driveways and sidewalks. Snow around hydrants can impede their use in the event of a fire. A clear driveway and sidewalk can help ambulance crews in the event they respond to your house for an emergency.

If there is a fire in your home keep all doors and windows closed to prevent the spread of fire. First, exit the home immediately, second call 9-1-1, and third, to contain the fire in the area, keep doors and windows closed. Many will open a door or window in an effort to help with smoke removal, but this will increase the fire size and spread the fire throughout the structure. ♦



A Safety Minute

Usher in the New Year with a safety check and replacement of all batteries in carbon monoxide alarms and smoke detectors.

Keep the Wreath Red

As the holiday season begins, you will notice a large holiday wreath on the front of each of our five fire stations. Each of the wreaths will be decorated with large red bulbs that will be constantly illuminated during the holiday season. Should a fire occur during the holiday season that is determined to have been directly caused by a holiday decoration, a white bulb will replace a red bulb. This will happen every time there is a holiday decoration-caused fire. ♦





A Chattering of Starlings

By Pierre Gregoire, Library Director



There are collective nouns for almost every group of animals. People sharing a mission also

name their groups: associations, neighborhoods, etc. The library hosts many of these groups in our community: chamber of commerce gatherings, homeowners associations, book clubs, crafters, artists and learners of every sort. Fifty-one groups utilized the library in September and October of this year as their collective space.

As the title above suggests, not all associations are always quiet and gentle. The point is, of course, the public exchange and sharing of a safe space. That is the beauty of engaging in a group – we recognize our shared qualities

and our own and each other's uniqueness.

We started the fall with sharing our love of browsing used books at the Friends of the Library book sale. These bi-annual bargain bonanzas bring a lot of much needed extra funding for those materials, kits and programs that would be just beyond the budget otherwise. In November, we initiate a season of thankfulness. We are thankful for a new generation of children being

introduced every year to the world through reading, playing and learning together. Thank your friends with handmade gifts in our Maker classes. December brings in a giving time when we can provide free tutoring for finals. Psst – did you know you can give to the library too?

We are with you. Come and learn with us! ♦





Frankfort Township Food Pantry

Frankfort Township's food pantry assists people in the Township who are experiencing difficult times.

Food donations are always welcome and may be dropped off at the
 Frankfort Township Office
 11000 W. Lincoln Highway.

For more information, please contact
 Jeannine Hetfleisch at (815) 806-2761.





Mayor's Message, from page 1
 patrol duty after completing their training.

The new officers have already freed up enough time for Officer Riff to become a School Resource Officer at Frankfort School District 157-C. He is assigned to be at one of the schools anytime that students are present. Officer Monreal has been assigned to our first Directed Patrol Unit. He works under Sergeant Bender's direction to address specific crime trends. He may work days, nights or weekends to accomplish the tasks. As our new recruits become qualified, we will add more Directed Patrol Units. We are well underway to accomplishing our task of increasing the police force for new crime prevention programs.

Our stated second goal for the new tax money was to use it for infrastructure. Our road resurfacing budget is over \$2 million this year. Next year we expect it to be more. Just five years ago, the road resurfacing budget was only \$500 thousand. We expect new road and bike trail grant opportunities to become available in the coming year. We will aggressively seek those grants for road improvements

and new bike trails throughout the village. We are considering one whole new road that would connect Pfeiffer from Colorado to Route 30. We have also replaced some worn equipment that directly impacts our residents. We have 15 large snow plow trucks and they typically last 15 years. Last year before the Sales Tax Referendum was passed, we decided to forgo the purchase of a new large snow plow truck for the first time in over 10 years. During last year's snow events, we had significant maintenance problems with our older equipment. This year we are purchasing two new large snow plow trucks to benefit our residents.

We also stated that we would fund other village operations with the Sales Tax revenue. In this area, we have been cautious about spending your money. We are considering another employee in the planning department and in code enforcement. In 2016, the village had 88 full time employees. As of our most recent audit, we had 84 employees. While our headcount will increase with the new police officers, we will be very selective with other hires.



Pictured Left to Right: Deputy Chief WM. Dowding, Officer Jessica Kaemerer, Officer Kevin O'Keefe and Chief John Burica

Your village board is well aware that while 53% of the voters approved the Non-Home-Rule Sales Tax, 47% did not. We want all Frankfort residents to know that we will be good stewards of your money. We also want Frankfort residents to know that we are using the estimated \$2.8 million in annual additional revenue the way we said we would. ♦



Interested in Law Enforcement?

Frankfort Police are always looking for police cadets. Applicants must maintain good grades, be of good character and be age 15 to 21. We are also looking for Community Service Officers. To qualify you must be 18 years old, of good character and interested in law enforcement. Applications available at Frankfort Police Department. ♦





Thank You...

Mayor Jim Holland and the Frankfort Village Board would like to thank the people who have made Frankfort's special events in 2019 so successful. We extend our appreciation to the volunteers, civic groups, sponsors, Frankfort residents and all the visitors who attended Frankfort's special events in 2019!



Winter on the Green



Earth Day



Country Market



Open House



Memorial Day Ceremony



Cruisin' Frankfort



Fridays on the Green



Art on the Green



Movies on the Green





Fishing Derby



Concerts on the Green



Bluegrass Festival



Amateur Rib Cook-Off



National Night Out Against Crime



Fall Fest



Senior Breakfast



OPRT 5K



Trunk or Treat



Lighting of the Green



We look forward to your continued support of all our events in 2020! Check our website for details on events or sign up to receive free email event updates at www.villageoffrankfort.com. ♦





VILLAGE OF
FRANKFORT
EST. 1855

432 W. NEBRASKA ST.
FRANKFORT, IL 60423

PRSR STD
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FRANKFORT, IL

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FRANKFORT, IL 60423



EXHIBIT 6

EXHIBIT 6 - Frankfort, IL Regional Plant Effluent Chloride Data

NPDES Permit IL0072192

Permit Effective 05/01/2021

Permit Expires 4/23/2026

Chloride Daily Max: 500 mg/L, effective April-November

Data Evaluation (All Units mg/L)	
Time Period	April 2023 to December 2025
Maximum, No Suspect Outlier	1100
Long Term Average (all data in date range)	405
Long Term Average (All years in date range April-November)	385
99th Percentile 1-Day Maximum	612
99th Percentile of Monthly Averages*	582
Minimum	22
Number of all data points	141

* The average for all data for each month was calculated (i.e. Monthly Average). This result is the 99th percentile of all the monthly averages calculated for the date range.

**EXHIBIT 6 - Regional Plant Effluent
Chloride Data - Post Pandemic Lockdown**

NPDES Permit IL0072192

Permit Effective 05/01/2021

Permit Expires 4/23/2026

Chloride Daily Max: 500 mg/L, effective April-November

2023		2024		2025	
4/7/2023	270	1/5/2024	460	1/9/2025	460
4/14/2023	270	1/11/2024	390	1/17/2025	480
4/20/2023	390	1/19/2024	370	1/24/2025	460
4/28/2023	470	1/25/2024	540	1/30/2025	490
5/4/2023	410	2/2/2024	360	2/6/2025	500
5/12/2023	420	2/8/2024	450	2/13/2025	520
5/18/2023	430	2/16/2024	480	2/21/2025	520
5/26/2023	460	2/23/2024	480	2/28/2025	620
6/2/2023	420	3/1/2024	490	3/7/2025	410
6/9/2023	500	3/7/2024	360	3/14/2025	460
6/16/2023	460	3/15/2024	320	3/21/2025	310
6/22/2023	520	3/22/2024	430	3/28/2025	460
6/30/2023	510	3/29/2024	370	4/4/2025	230
7/7/2023	270	4/4/2024	180	4/11/2025	350
7/13/2023	150	4/12/2024	320	4/18/2025	460
7/21/2023	370	4/19/2024	380	4/25/2025	360
7/28/2023	460	4/26/2024	22	5/1/2025	420
8/4/2023	480	5/3/2024	280	5/8/2025	470
8/10/2023	410	5/10/2024	240	5/16/2025	510
8/18/2023	330	5/17/2024	270	5/22/2025	480
8/25/2023	470	5/24/2024	400	5/30/2025	440
9/1/2023	480	5/30/2024	360	6/5/2025	360
9/8/2023	250	6/7/2024	230	6/13/2025	510
9/15/2023	320	6/14/2024	420	6/19/2025	460
9/22/2023	310	6/20/2024	440	6/26/2025	460
9/29/2023	360	6/28/2024	330	7/2/2025	350
10/5/2023	450	7/5/2024	430	7/11/2025	450
10/13/2023	240	7/12/2024	280	7/18/2025	500
10/19/2023	320	7/19/2024	280	7/24/2025	470
10/27/2023	330	7/26/2024	470	8/1/2025	270
11/2/2023	350	8/2/2024	390	8/7/2025	460
11/8/2023	430	8/9/2024	350	8/15/2025	375
11/17/2023	520	8/16/2024	420	8/21/2025	180
11/22/2023	270	8/23/2024	380	8/28/2025	420
11/30/2023	410	8/30/2024	260	9/3/2025	350
12/8/2023	340	9/6/2024	410	9/10/2025	510
12/14/2023	430	9/13/2024	470	9/17/2025	520
12/22/2023	420	9/20/2024	470	9/24/2025	390
12/29/2023	310	9/27/2024	300	10/2/2025	470
		10/4/2024	400	10/10/2025	310
		10/10/2024	450	10/17/2025	490
		10/18/2024	400	10/24/2025	420
		10/25/2024	480	10/29/2025	520
		11/1/2024	410	11/7/2025	470
		11/7/2024	200	11/14/2025	400
		11/14/2024	330	11/21/2025	430
		11/21/2024	310	11/26/2025	470
		11/26/2024	370	12/5/2025	600
		12/4/2024	470	12/12/2025	520
		12/12/2024	490		
		12/19/2024	420		
		12/26/2024	1100		
		12/31/2024	480		

EXHIBIT 7

TECHNICAL MEMORANDUM

DATE: March 10, 2023

TO: Zachary Brown, Director of Utilities, Village of Frankfort

FROM: Harry D. Harman, P.E., Nichole Schaeffer, P.E., BCEE

SUBJECT: FKFTV – Chlorides and reduction options

The purpose of this technical memo is to discuss the reduction of chlorides produced by home softeners within a community that does not offer softened water.

Project Overview

The Village of Frankfort currently utilizes iron removal to treat the water from their wells since iron has a Secondary Maximum Contaminant Level (SMCL). The Village does not provide softened water to the residents receiving water from the public water supply as hardness does not have an SMCL. Many communities, in order to reduce the cost of potable water, has made a conscience decision to leave water softening up to the individual homeowner. This has opened the door to issues of chlorides in the effluent from the WWTP.

The IEPA has included chloride reduction within the new NPDES permits. A limit of 500 ppm chlorides is contained in many NPDES permits. At this point, the Village has no control over the volume of chlorides being released by individual households.

Village Approach:

To reduce chlorides discharged from the WWTP, the Village is evaluating potential solutions at both its waste water treatment plant and drinking water production facilities.

Water Softening Options

Ion Exchange – Ion exchange softening uses sodium chloride to regenerate the softening resin whether in home softeners or in large municipal softeners. Approximately 6 pounds of salt is needed to regenerate one cubic foot of resin. Municipal softeners regenerate when a preset number of gallons passes through the resin. This volume is based upon the total hardness that the resin is capable of removing. The harder the water, the fewer gallons that can be treated. The same quantity of salt is used whether the resin is exhausted or only partially exhausted. The most efficient regeneration occurs when the resin is near exhaustion or when it can no longer remove hardness.

If a homeowner regenerates their softener while only partially exhausted, the homeowner wastes water and salt. Wasting water raises their water bill for both potable water and for wastewater

disposal. Salt is very expensive as well and increase the quantity of chlorides released to the stream by the WWTP. While municipal softeners are operated in the most efficient manner possible, adding ion exchange softening to the existing treatment systems will have little or no effect on the homeowner's regeneration of their softeners. The additional quantity of chlorides produced by the municipal softeners is more likely to increase the total chlorides released by the WWTP for the following reasons:

- Despite softening the water from the existing wells, the typical resulting hardness is in the range of 80 ppm to 100 ppm. While water with a hardness greater than 50 mg/l is considered "hard", Lake Michigan water is the benchmark of water quality and contains a hardness of 150 mg/l. Many or most homes receiving Lake Michigan water still employ softening to reduce calcium stains on fixtures and improve clothes washing effectiveness.
- If the Village were to provide softening at their various iron removal facilities, individual households would keep their softeners.
- The average homeowner does not understand the operation of their water softener. As a result, the water is over softened and regenerated more frequently than necessary.
- The average softener is regenerated based upon time of day rather than when the resin within the softener is near exhaustion or has reached exhaustion.
- Regeneration of a softener requires the same volume of salt whether the resin is fully exhausted or has passed no water in the case of someone on vacation.
- Since households would continue to use their home softeners and continue to regenerate as they currently do, adding ion exchange softening to the existing WTPs would only increase the volume of chlorides being discharged by the WWTP.

Lime Softening – Prior to the introduction of ion exchange, lime softening was the most common form of water softening. It is commonly accepted that lime softening produces a very palatable water which is favored by most people. The problem with lime softening is the disposal of the hardness removed during the process.

Typically, municipalities that utilized lime softening or any of its variations such as Lime-Soda softening, Excess Lime softening, or Excess Lime-Soda softening, contract with haulers that land apply the sludge produced on farm fields as a soil conditioner.

One of the issues is in recent years the IEPA does not allow land application of lime bases sludges during periods when fields are frozen. During these periods, the municipality must store the sludge, typically in ponds, until the topsoil thaws and haulers can collect and apply it to the fields.

Reverse Osmosis – Is a filtration method using a semi-permeable membrane and high-pressure pumps to reverse the osmosis effect which causes clear water to be drawn through the membrane in an attempt to dilute water containing high concentration of dissolved solids. Typically, the membrane only allows molecules the size of pure water to pass, rejecting larger molecules which are flushed from the system.

Pretreatment of the water to be treated by RO removes constituents which would otherwise plug the openings in the membrane. Between the pretreatment process and the normal quantity of “reject water”, on average approximately 25% to 30% of the water entering the RO process is too contaminated to be further treated and is disposed to a sanitary sewer.

The two greatest drawbacks to the RO method of treatment are amount of energy needed by the high pressure pumps to force the water through the membrane and the volume of wasted water. In addition to volume of water needed by the community, approximately 30% more water must be withdrawn from the aquifer which is discharged to the sanitary sewer. This option also creates the need to acquire more land since most of the Village’s facilities are landlocked in residential areas.

The additional volume of wastewater consumes hydraulic capacity of the WWTP receiving the WTP waste but which also does not contribute to the BOD or COD loading of the facility. In many cases, the WWTP capacity must be expanded to handle the additional volume of clear water being received.

Comparison of Wastewater Discharge:

Ion Exchange: 4% - 6%

Lime Softening: 6% - 8%

Reverse Osmosis: 25% - 30%

Comparison of potential construction costs:

The actual cost of a WTP is based upon the process selected, the volume of water requiring treatment, and the complexity of the unique issues needing to be solved. The following cost estimates are based upon previous designs of similar processes and adjust for inflation between the completion of the individual project and an estimated 2025 completion of the new facility.

Lime Softening vs. Ion Exchange - There is a breakpoint where the cost of an ion exchange treatment plant is more cost effective than a lime softening facility. The capacity breakpoint is generally accepted to be 3 MGD – 5 MGD. The design, construction, and operation of a lime softening facility with a capacity less than 5 MGD is greater than an ion exchange facility. Factors that contribute to this are cost of chemicals, complexity of the operation, and cost of residual and wastewater disposal.

Well Nos. 11 and 12, 13 and 14, and 15 and 16 are treated by two well treatment plants. The capacity of these facilities are 1.64 MGD, 1.85 MGD, and 2.42 MGD. Each is far below the minimum which

would make lime softening a viable alternative. The remaining well WTPs range from 0.75 MGD to 1.4 MGD.

One alternative would be to design transmission mains to bring the 10 wells (7 WTPs) into one centralized WTP. The capacity of this plant would be 9 MGD – 10 MGD. Not including the cost of the transmission mains, an estimate of construction cost for a 10 MGD lime softening facility would be approximately \$46 million dollars.

Ion Exchange WTPs – While the cost of seven ion exchange treatment facilities would range in cost from approximately \$5 million dollars to \$8.5 million dollars for the 3-two well WTPs. The potential capital investment would be approximately \$43.5 million dollars.

Reverse Osmosis – The cost for seven WTPs using RO can be expected to also fall into the range of \$43 million to \$46 million dollars. However, operational cost would be significant due to the high horsepower required to promote the RO filtration as well as the periodic membrane cleaning (approximately every 2-4 months) and membrane replacement every 5 to 8 years.

WWTP Flow Augmentation:

Since the IEPA concern is the release of chlorides into the WWTP receiving stream, an alternative presents itself. Dilution of the WWTP discharge using a deep aquifer well. A deep aquifer well could be drilled on the WWTP site. A single deep well could produce 1,000 gpm (1.44 MGD) or more. Such a well may contain barium and/or radium, both of which would be diluted by the discharge of the WWTP. Since such a well does not contain chlorides in significant concentration. It is reasonable to assume the resulting discharge would dilute the chlorides in the WWTP discharge to below the 500 ppm level. The cost of drilling and developing the well and the cost of the well pump is estimated to be approximately \$2 million dollars. The municipality should anticipate an additional \$0.5 to \$1 million dollars for the electrical service and switchgear to power the well. Any switchgear could be mounted in a weatherproof enclosure so a “well house” would not be necessary. Even though this is the least costly option it does not seem to be a prudent use of a precious natural resource when the ultimate goal is to improve and protect our environment.

EXHIBIT 8

Village of Frankfort, Illinois
 Chloride Variance Petition
 Construction and Annual Maintenance Costs for water treatment potential solutions
 Project number 0210337.30
 Prepared by Harry Harmon, PE, Revised by Nichie Schaeffer, PE and Mike Jacobson, Wastewater Engineer

Date Estimates prepared: 12/9/2023; 8/26/2024

Well	capacity	total capacity	capacity (MGD)	pump setting	static level		WTP
4	580	580	0.84	156	50	Shallow	
5	520	520	0.75	205	100	emergency well	
10	970	970	1.40	200	80	Shallow	
11	563	1136	1.64	205	114	Shallow	1
12	573			205	110	Shallow	1
13	802	1287	1.85	280	95	Shallow	2
14	485			285	95	Shallow	2
15	1056	1683	2.42	215	55	Shallow	3
16	627			220	50	Shallow	3
17	630	630	0.91	170	50	Shallow	
18			9.80				
Total	6,286	gpm					Total Costs
	9.1	MGD					

CONSTRUCTION COSTS			ANNUAL MAINTENANCE COSTS			NOTES
Ion Exchange W/Pretreatment (million \$)	Lime Softening (million \$)	Reverse Osmosis W/Pretreatment (million \$)	Ion exchange Disposal Cost (\$/year)	Ion exchange Operational Cost (\$/year)	Reverse Osmosis Maintenance Costs (\$ per Year)	
\$6.26	\$11.86	\$10.57	\$10,455	\$57,159	\$124,288	based on half time well operation
\$5.62	\$10.63	\$9.48	\$9,373	\$51,246	\$51,246	No operational costs for RO is available
\$10.48	\$19.83	\$17.68	\$17,484	\$95,594	\$95,594	No disposal costs for lime softening available
\$12.27	\$23.23	\$20.70	\$20,477	\$111,953	\$111,953	
\$13.90	\$26.32	\$23.46	\$23,198	\$126,834	\$126,834	
\$18.18	\$34.41	\$30.67	\$30,336	\$165,860	\$165,860	
\$6.80	\$12.88	\$11.48	\$11,356	\$62,087	\$62,087	
\$73.50	\$139.17	\$124.04	\$122,679.51	\$670,731.30	\$737,860.77	

NOTE: (By Harry Harmon, PE) Lime softening produces a sludge that must be disposed, typically by land application at an additional cost. These costs vary by hauling destination. Ion Exchange and RO produce a large amount of liquid waste that must be disposed of.
 (Nichie Schaeffer, PE) Construction costs of past projects were used, some years go as far back as 2005 and 2008. The current timeframe costs likely will be more.

Capital Construction References - from prev. construction projects				2025 Est Cost (millions)
	Construction Cost (per MG treated)	Construction Year		
Lime softening		2005	\$28.8	
ion exchange incl pretreatment		2022	\$8.4	
Ion Exchange no pretreatment		2008	\$4.68	Cost per million gal per MGD Treatment
Reverse Osmosis				

Ion Exchange Disposal Estimates Use \$50/ton \$40-\$50 per ton of waste

Summary of Capital Costs and Annual O&M Costs Estimates

Treatment Option	Construction Cost	Annual O&M Cost
Ion Exchange	\$73,504,800	\$793,411
Lime Softening (9.1 MGD Centralized Plant)	\$81,496,000	\$3,540,000
Reverse Osmosis (4.7 MGD WWTP)	\$69,940,000	\$2,810,000
Home Chloride Softener Replacement	\$38,300,000	\$0

Annual O&M costs include disposal and operations

Ion Exchange Cost based upon \$175/ton of salt and 6 hr/day operation of wells, 350,000 gallons per softening run and 1.5 tons of salt per regeneration
 6,286 gpm = 1,570gpm x 1440 gal treated
 per day x min per day per year
 soft runs per year 2360
 Salt Costs per Year \$619,485
 Salt Cost per year - Annual IE Operation Cost (\$/MG) \$750

Notes
 Includes pretreatment of wastewater, then treating.
 IE and Lime softening is potable water treatment
 RO is wastewater treatment

Well	capacity	total capacity	capacity (MGD)	pump setting	static level		WTP	Diameter (inch)
4	580	580	0.84	156	50	Shallow		16
5	520	520	0.75	205	100	emergency well		16
10	970	970	1.40	200	80	Shallow		20
11	563	1136	1.64	205	114	Shallow	1	16
12	573			205	110	Shallow	1	16
13	802	1287	1.85	280	95	Shallow	2	20
14	485			285	95	Shallow	2	16
15	1056	1683	2.42	215	55	Shallow	3	20
16	627			220	50	Shallow	3	16
17	630	630	0.91	170	50	Shallow		16
18			9.80					

Village Current Well Pupage operation

EOPCs Done by Mike Jacobson

Engineer's Opinion of Probable Cost for Well #4 Abandonment

No.	Item	Quantity	Units	Unit Price
1.	MOBILIZATION:			Lump Sum
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (580 GPM):			Lump Sum
3.	PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00
4.	NEAT CEMENT:	3	cu. yd.	\$ 1,400.00
5.	INTERIOR PIPING REMOVAL			Lump Sum
	TOTAL AMOUNT OF BID			\$
	ENGINEERING & CONTINGENCY (25%)			\$
	TOTAL W/ CONTINGENCY			\$

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Length Volume

		ft.	cu. ft.	cu. yds.
Neat Cement				
	0' - 122'	50	70	<u>3</u>
				3
				<u>0</u>
				3
Pea Gravel				
	0	0	0	<u>0</u>
				0
				<u>0</u>
				0

Engineer's Opinion of Probable Cost for Well #5 Abandonment

OPC	
Total	
\$ 30,000.00	
\$ 50,000.00	
\$ -	
\$ 3,619.95	
\$ 10,000.00	
93,619.95	
24,000.00	
117,619.95	

EOPC	
------	--

No.	Item	Quantity	Units	Unit Price	Total
1.	MOBILIZATION:			Lump Sum	\$ 30,000.00
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (520 GPM):			Lump Sum	\$ 50,000.00
3.	PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00	\$ -
4.	NEAT CEMENT:	5	cu. yd.	\$ 1,400.00	\$ 7,239.90
5.	INTERIOR PIPING REMOVAL			Lump Sum	\$ 10,000.00
	TOTAL AMOUNT OF BID			\$	97,239.90
	ENGINEERING & CONTINGENCY (25%)			\$	25,000.00
	TOTAL W/ CONTINGENCY			\$	122,239.90

No.
1.
2.
3.
4.
5.

16
inch casing

Dia., ft.	1.33
Area, sq. ft.	1.40

Length Volume

		ft.	cu. ft.	cu. yds.	
	Neat Cement				
	0' - 122'	100	140	<u>5</u>	
Subtotal				5	Subtotal
10% extra				<u>1</u>	10% extra
TOTAL				6	TOTAL
	Pea Gravel				
	0	0	0	<u>0</u>	
Subtotal				0	Subtotal
50% extra				<u>0</u>	50% extra
TOTAL				0	TOTAL

Engineer's Opinion of Probable Cost for Well #10 Abandonment

			EOPC	
Item	Quantity	Units	Unit Price	Total
MOBILIZATION:			Lump Sum	\$ 30,000.00
REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (970 GPM):			Lump Sum	\$ 50,000.00
PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00	\$ -
NEAT CEMENT:	4	cu. yd.	\$ 1,400.00	\$ 5,791.92
INTERIOR PIPING REMOVAL			Lump Sum	\$ 10,000.00
TOTAL AMOUNT OF BID			\$	95,791.92
ENGINEERING & CONTINGENCY (25%)			\$	24,000.00
TOTAL W/ CONTINGENCY			\$	119,791.92

20
inch casing

Dia., ft. 1.67
Area, sq. ft. 2.18

Length Volume

Engineer's Opinion of Probable Cost for Well #11 A

No.	Item	Quantity	Units
1.	MOBILIZATION:		
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (563 GPM):		
3.	PEA GRAVEL FILL:	0	cu. yd.
4.	NEAT CEMENT:	6	cu. yd.
5.	INTERIOR PIPING REMOVAL		
	TOTAL AMOUNT OF BID		
	ENGINEERING & CONTINGENCY (25%)		
	TOTAL W/ CONTINGENCY		

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Length Volume

	ft.	cu. ft.	cu. yds.	
Neat Cement				
0' - 122'	80	112	4	
			4	Subtotal
			0	10% extra
			5	TOTAL

Pea Gravel				
0	0	0	0	
			0	Subtotal
			0	50% extra
			0	TOTAL

	ft.	cu. ft.
Neat Cement		
0' - 122'	114	159

Pea Gravel		
0	0	0

Abandonment

Engineer's Opinion of Probable Cost for Well #12 Abandonment

EOPC	
Unit Price	Total
Lump Sum	\$ 30,000.00
Lump Sum	\$ 50,000.00
\$ 350.00	\$ -
\$ 1,400.00	\$ 8,253.49
Lump Sum	\$ 10,000.00
\$	98,253.49
\$	25,000.00
\$	123,253.49

				EOPC	
No.	Item	Quantity	Units	Unit Price	Total
1.	MOBILIZATION:			Lump Sum	\$ 30,000.00
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (573 GPM):			Lump Sum	\$ 50,000.00
3.	PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00	\$ -
4.	NEAT CEMENT:	6	cu. yd.	\$ 1,400.00	\$ 7,963.89
5.	INTERIOR PIPING REMOVAL			Lump Sum	\$ 10,000.00
	TOTAL AMOUNT OF BID			\$	97,963.89
	ENGINEERING & CONTINGENCY (25%)			\$	25,000.00
	TOTAL W/ CONTINGENCY			\$	122,963.89

No.
1.
2.
3.
4.
5.

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Volume

Length Volume

<u>cu. yds.</u>	
6	
<u>6</u>	Subtotal
1	10% extra
<u>6</u>	TOTAL

0	
<u>0</u>	Subtotal
0	50% extra
<u>0</u>	TOTAL

Neat Cement
0' - 122'

<u>ft.</u>	<u>cu. ft.</u>	<u>cu. yds.</u>	
110	154	<u>6</u>	Subtotal
		1	10% extra
		<u>6</u>	TOTAL

Pea Gravel
0

0	0	<u>0</u>	Subtotal
		0	50% extra
		<u>0</u>	TOTAL

Engineer's Opinion of Probable Cost for Well #13 Abandonment

EOPC

Item	Quantity	Units	Unit Price	Total
MOBILIZATION:			Lump Sum	\$ 30,000.00
REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (802 GPM):			Lump Sum	\$ 50,000.00
PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00	\$ -
NEAT CEMENT:	5	cu. yd.	\$ 1,400.00	\$ 6,877.91
INTERIOR PIPING REMOVAL			Lump Sum	\$ 10,000.00
TOTAL AMOUNT OF BID			\$	96,877.91
ENGINEERING & CONTINGENCY (25%)			\$	25,000.00
TOTAL W/ CONTINGENCY			\$	121,877.91

20
inch casing

Dia., ft. 1.67
Area, sq. ft. 2.18

Length Volume

Engineer's Opinion of Probable Cost for Well #14 Abandonment

No.	Item	Quantity	Units
1.	MOBILIZATION:		
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (485 GPM):		
3.	PEA GRAVEL FILL:	0	cu. yd.
4.	NEAT CEMENT:	5	cu. yd.
5.	INTERIOR PIPING REMOVAL		
	TOTAL AMOUNT OF BID		
	ENGINEERING & CONTINGENCY (25%)		
	TOTAL W/ CONTINGENCY		

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Length Vc

	ft.	cu. ft.	cu. yds.	
Neat Cement				
0' - 122'	95	133	5	
			5	Subtotal
			0	10% extra
			5	TOTAL

Pea Gravel				
0	0	0	0	
			0	Subtotal
			0	50% extra
			0	TOTAL

	ft.	cu. ft.
Neat Cement		
0' - 122'	95	133

Pea Gravel		
0	0	0

<u>cu. yds.</u>	
5	
<u>5</u>	Subtotal
0	10% extra
<u>5</u>	TOTAL

<u>0</u>	
0	Subtotal
0	50% extra
<u>0</u>	TOTAL

Neat Cement
0' - 122'

<u>ft.</u>	<u>cu. ft.</u>	<u>cu. yds.</u>	
55	77	<u>3</u>	Subtotal
		<u>0</u>	10% extra
		<u>3</u>	TOTAL

Pea Gravel
0

0	0	<u>0</u>	Subtotal
		<u>0</u>	50% extra
		<u>0</u>	TOTAL

Engineer's Opinion of Probable Cost for Well #16 Abandonment

			EOPC	
Item	Quantity	Units	Unit Price	Total
MOBILIZATION:			Lump Sum	\$ 30,000.00
REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (627 GPM):			Lump Sum	\$ 50,000.00
PEA GRAVEL FILL:	0	cu. yd.	\$ 350.00	\$ -
NEAT CEMENT:	3	cu. yd.	\$ 1,400.00	\$ 3,619.95
INTERIOR PIPING REMOVAL			Lump Sum	\$ 10,000.00
TOTAL AMOUNT OF BID			\$	93,619.95
ENGINEERING & CONTINGENCY (25%)			\$	24,000.00
TOTAL W/ CONTINGENCY			\$	117,619.95

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Length Volume

Engineer's Opinion of Probable Cost for Well #17 A

No.	Item	Quantity	Units
1.	MOBILIZATION:		
2.	REMOVAL AND DISPOSAL OF PUMPING EQUIPMENT (630 GPM):		
3.	PEA GRAVEL FILL:	0	cu. yd.
4.	NEAT CEMENT:	3	cu. yd.
5.	INTERIOR PIPING REMOVAL		
	TOTAL AMOUNT OF BID		
	ENGINEERING & CONTINGENCY (25%)		
	TOTAL W/ CONTINGENCY		

16
inch casing

Dia., ft. 1.33
Area, sq. ft. 1.40

Length \

	ft.	cu. ft.	cu. yds.	
Neat Cement				
0' - 122'	50	70	<u>3</u>	
			3	Subtotal
			<u>0</u>	10% extra
			3	TOTAL

Pea Gravel				
0	0	0	<u>0</u>	
			0	Subtotal
			<u>0</u>	50% extra
			0	TOTAL

	ft.	cu. ft.
Neat Cement		
0' - 122'	50	70

Pea Gravel		
0	0	0

bandonment

EOPC	
Unit Price	Total
Lump Sum	\$ 30,000.00
Lump Sum	\$ 50,000.00
\$ 350.00	\$ -
\$ 1,400.00	\$ 3,619.95
Lump Sum	\$ 10,000.00
\$	93,619.95
\$	24,000.00
\$	117,619.95

/olume

cu. yds.

3

3 Subtotal

0 10% extra

3 TOTAL

0

0 Subtotal

0 50% extra

0 TOTAL

Capital Construction References - from prev. construction projects

			Construction Cost (\$MM per MGD treated)	Construction Year
Lime softening	Park Forest	5 MGD	\$2.84	2005

Land Acquisition References - from prev. construction projects

City	Design Flow (MGD)	Sq. Ft.	Acres	\$/Acre	Total (Rounded)
Park Forest		5	25,500	0.59	
Frankfort		9.1	47000	1.08 \$	179,000
					\$ 190,000

Decommissioning Existing Wells

Well #	Probable Cost	
4	\$ 118,000	0
5	\$ 123,000	0
10	\$ 120,000	0
11	\$ 124,000	0
12	\$ 123,000	0
13	\$ 122,000	0
14	\$ 122,000	0
15	\$ 118,000	0
16	\$ 118,000	0
17	\$ 118,000	0
TOTAL	\$ 1,206,000	

Transmission Main Costs

Design Flow (MGD)	Design Flow (CFS)	Max Flow Velocity (FPS)	Transmission Main Area Required (SF)	Transmission Main Diam. (inches)
9.1	16.9	6.5	2.604	21.85026937 MTJ: Assume 24 inch transm

Transmission Main Length	Main Size (inches)	Material	Material, Labor, Excavation and Backfill Cost	Total Material and Labor Cost
35000		24 DIP, Class 50	\$ 500	\$ 17,500,000
			Easement Cost (15%)	\$ 2,625,000.00
			Sub-Total	\$ 20,125,000
			Design, Construction and Legal (12%)	\$ 2,415,000
			Construction Total	\$ 22,600,000

2025 Est Cost (\$MM per MGD treated)	2025 Est Cost (9.1 MGD plant)
\$6.3	\$57,500,000



\$179,000
9518 Corsair Rd, Frankfort, IL 60141

ission main

Construction Cost Index, 2005-2024 (Chicagoland area)
[Construction Cost Index for Chicago | Mortenson](#)

4.10%

$$A_n = P \left(1 + \frac{r}{n} \right)^{nt}$$

A_n = Amount
 r = Annual interest rate (decimal)
 t = Time (years)
 P = Principal
 n = Number of times interest is compounded per year
©ExcelDemy.com



0423

-- beds
-- baths
0.99 Acres

Message

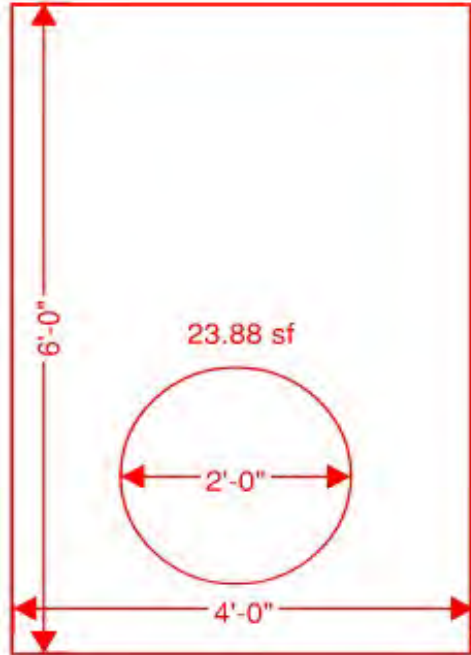
Nominal Pipe Size (inches)

Trench Width (inches)

Nominal Pipe Size (inches)

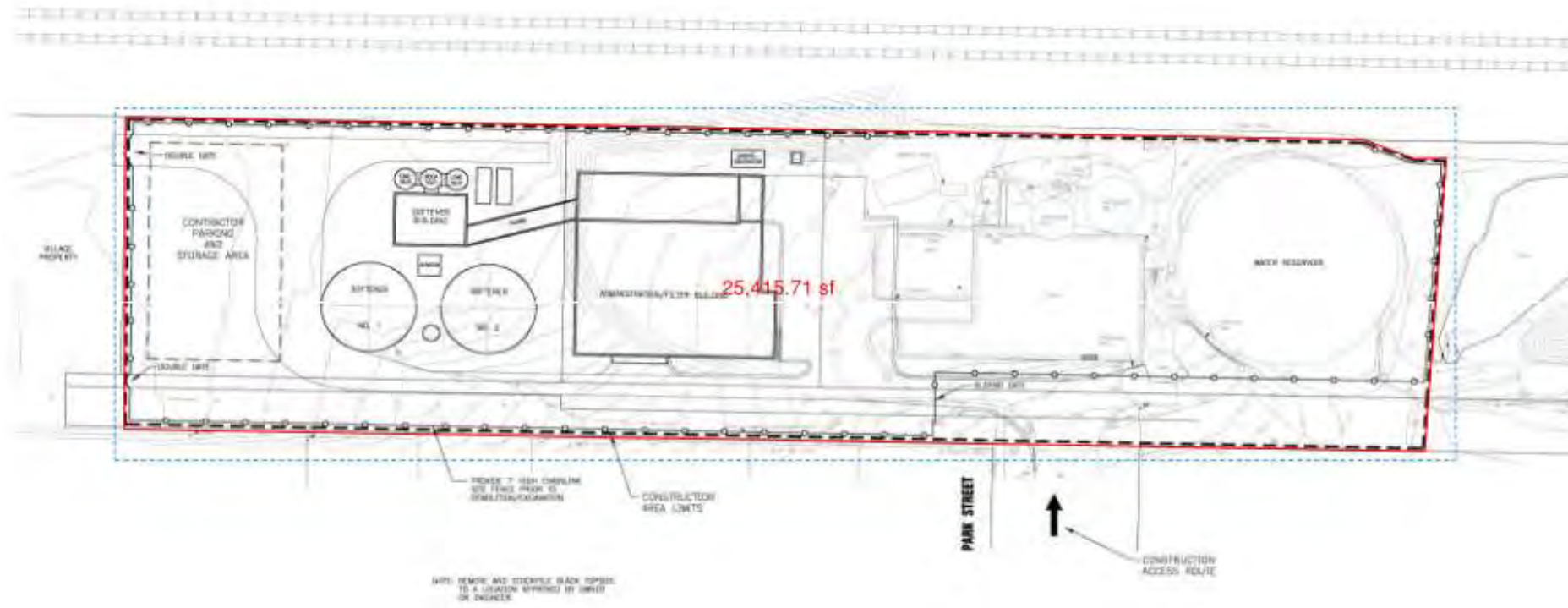
Trench Width (inches)

3	27	20	44
4	28	24	48



Map of Frankfort, WI, showing streets and a blue dashed line with measurements. The line starts at 47'-0 3/4" on the left, goes horizontally for 24,445'-8 3/4", then curves for 7,984'-10 1/4", and ends with a 2'-0" segment.

ELGIN, JOLIET AND EASTERN RAILROAD





Lime Softening O&M Costs (Frankfort Centralized 9.1 MGD Plant)

Item	Unit	Cost/Unit	Annual Qty	Sub-Total
Chemical (Lime)*	ton	\$ 230	2,400	\$ 552,000
Chemical (Soda Ash)**	ton	\$ 584	1,300	\$ 759,629
CO2	tons	\$ 325	590	\$ 191,750
Salt	tons	\$ 608	180	\$ 109,440
Sludge Hauling***	dry ton	\$ 67	4,800	\$ 321,600
Energy Consumption	\$/1000 gal	\$ 0.15	3,303,922	\$ 496,000
Yearly Lab	LS	\$ 25,000	1	\$ 25,000
Labor Costs				
1 Plant Manager	LS	\$ 120,000	1	\$ 120,000
7 Operators (Class A)	LS	\$ 82,000	7	\$ 574,000
1 Operator (Class C)	LS	\$ 72,000	1	\$ 72,000
1 Maintenance Worker	LS	\$ 68,000	1	\$ 68,000
Preventative Maintenance	LS	\$ 250,000	1	\$ 250,000
			Total	\$ 3,540,000

*185 mg/L CaO dosage

**100 mg/L soda ash dosage

*** Assume roughly 2 lbs of sludge produced per 1lb of lime applied

[1120 t1.pdf \(fwj.com\)](#)

Lime Softening O&M Costs (Forest Park)

Item	Unit	Cost/Unit	Annual Qty	Sub-Total
Chemical (Lime)	tons	\$ 230	1200	\$ 276,000
Chemical (Soda Ash)	tons	\$ 584.33	800	\$ 467,464
CO2	tons	\$ 325	324	\$ 105,300
Salt	tons	\$ 608	100	\$ 60,800

Lime Sludge Hauling	tons	\$	67	5000	\$	335,000
Yearly Lab	LS	\$	22,000	1	\$	22,000
Labor Cost						
1 Plant Manager	LS	\$	116,207	1	\$	116,207
4 Operators (Class A)	LS	\$	80,989	4	\$	323,956
1 Operator (Class C)	LS	\$	71,133	1	\$	71,133
1 Maintenance Worker	LS	\$	66,259	1	\$	66,259
Energy Consumption (Electric and Gas)	\$/1000 gal	\$	0.15	1825000	\$	266,700
Miscellaneous Maintenance and Operating Supplies	LS	\$	213,000	1	\$	213,000
				Total	\$	2,323,819

6,286 gpm = gal treated
3,303,921,600
per year

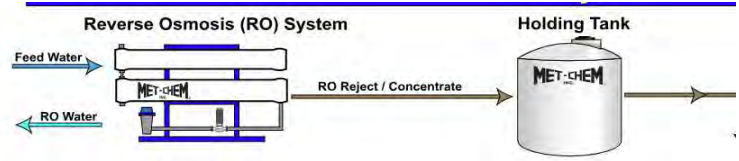
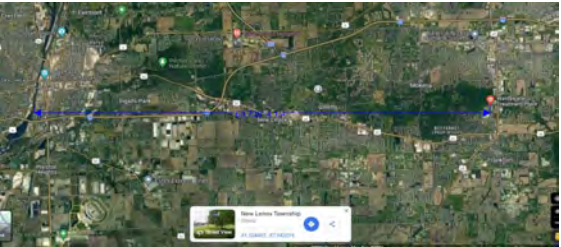
Total O&M/1,000 gallons treated	\$1.07
Treatment Cost per MG	\$1,071

Transmission Main Costs to Des Plaines River						
Design Flow (MGD)	20% Reject Flow Rate (MGD)	20% Reject Flow (CF)	Max Flow Velocity (FPS)	Transmission Main Area Required (SF)	Transmission Main Diam. (inches)	
4.7	0.94	1.75	6.5	0.268984615	7.022633857	
Transmission Main Length (LF)	Main Size (inches)	Material	Material, Labor, Excavation and Backfill Cost per LF	Total Material and Labor Cost		
65000		8 DIP, Class 50	\$	320 \$	20,800,000	
			Easement Cost (15%)	\$	3,120,000	
			Sub-Total	\$	23,920,000	
			Design, Construction and Legal (12%)	\$	2,870,400	
			Construction Total	\$	26,800,000	

MTJ: Assume 8 inch transmission main

RO Effluent Lift Station, Duplex 1700 GPM	
Total	\$ 3,000,000 REF DGSD1 Centex Lift Station

Land Acquisition Estimate for RO Unit Process			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
	32,000	0.73	179000 \$ 140,000



RO Construction Cost				
Line Item	Unit Cost	Qty	Total	
Memco Combined UF/CCRO System (4.7 MG average)	\$	8,500,000	1 \$	8,500,000
Pre-EQ Tank (1.5 MG)	\$	2,000,000	1 \$	2,000,000
Pre-EQ Pumps (3 x 1700 GPM low head)	\$	100,000	3 \$	300,000
RO Containment Building Construction (35,000 sf, \$300/sf)	\$	10,500,000	1 \$	10,500,000
		Subtotal	\$	21,300,000
		E&A (10%)	\$	2,130,000
		Electrical (10%)	\$	2,130,000
		Subtotal w/ E&A, Electrical	\$	25,560,000
		OH&P (15%)	\$	3,834,000
		Construction Cost	\$	29,394,000
		Contingency (20%)	\$	5,878,800
		Construction Cost w/ Contingency	\$	35,272,800
		Design, Construction and Legal (12%)	\$	4,232,736
		TOTAL Construction COST	\$	40,000,000



Reverse Osmosis O&M Costs					
Item	Unit	Cost/Unit	Annual Qty	Sub-Total	
Chemical (CIP Chemicals)	\$/1000 gal	\$ 0.44	1,715,500	\$	752,000
Energy Consumption	\$/1000 gal	\$ 0.61	1,715,500	\$	1,060,000
Transmission Main/LS Maintenance	\$/LF	\$ 5.00	65,000	\$	325,000
Labor Costs (4 FT staff)	hr	\$ 50	8320	\$	416,000
Preventative Maintenance (Including Membrane Replacements)	LS	-		\$	256,000
Total				\$	2,810,000

[1120 t1.pdf \(fwri.com\)](#)

4.7 MGD= gal treated
1,715,500,000
per year

Total O&M/1,000 gallons treated \$1.64
Treatment Cost per MG \$1,638

Village of Frankfort, Illinois

Chloride Variance Petition

Construction and Annual Maintenance Costs for water treatment potential solutions

Project number 0210337.30

Prepared by Harry Harmon, PE

VOIDED O&M Costs

Reverse Osmosis O&M Costs		
	2021	2022
Equipment Maintenance Agreements	\$23,121.01	\$31,607.56
Pipe Cleaning	\$1,068.68	\$2,773.48
Water Quality Testing	\$10,484.50	\$11,264.07
MWRD User Charge	\$34,239.75	\$43,204.42
Utilities	\$386,284.95	\$471,323.75
Tools	\$213.66	\$488.68
Safety Equipment	\$993.27	\$1,184.97
Laboratory	\$2,509.52	\$4,192.76
Water Repair Parts	\$18,074.00	\$32,208.22
Well Repair Materials	\$28,987.95	\$73,090.23
Membrane Cartridges	\$208,430.60	\$42,336.20
Chemicals	\$227,859.58	\$262,009.36
Capital Improvements	\$2,711.00	\$98,113.79
TOTAL	\$944,978.47	\$1,073,797.49
Treatment cost per MG		
	\$1,344.21	\$1,630.83
Construction Cost w/pretreatment \$12.7		
Precipitation & Coagulation to PT WW to get water quality for RO Treatment		

2021

Month	Well No. 3 Pumpage	Well No. 4 Pumpage	Total Well Pumpage	Plant Effluent Total
January	23.163	25.257	48.42	44.774
February	21.827	23.362	45.189	41.492
March	33.818	14.012	47.83	44.705
April	27.079	25.572	52.651	49.583
May	25.25	37.624	62.874	58.011
June	32.82	38.558	71.378	66.563
July	26.924	40.483	67.407	62.691
August	28.186	42.974	71.16	64.753
September	25.73	42.233	67.963	63.589
October	17.734	40.941	58.675	53.36
November	11.088	43.405	54.493	49.463
December	16.114	39.057	55.171	50.267
TOTALS	289.733 MG	413.478 MG	703.211 MG	649.251 MG

2022	in Millions of Gallons
January	54.581
February	48.017
March	53.198
April	51.828
May	59.525
June	67.008
July	59.783
August	58.775
September	53.761
October	51.147
November	48.096
December	52.719
TOTAL:	658.438

Home Chloride Softener Replacement

Utility Customers	Unit Cost/Replacement	Extended Cost
11,599	\$2,500	\$ 29,000,000
Subtotal		\$ 29,000,000
Contingency (20%)		\$ 5,800,000
Subtotal w/ Contingency		\$ 34,800,000
Design, Admin and Legal (10%)		\$ 3,480,000
TOTAL CAPITAL COST		\$ 38,300,000

EXHIBIT 9

Exhibit 8
Village of Frankfort Regional WWTP
NPDES Permit No. IL0072192
WWTP Location Map



Exhibit 9A - Frankfort Regional Plant – Existing Site Plan and Preliminary Options for Plant Capacity Expansion



Figure 1 - Existing Site Plan



Figure 2 - Phase 1: Final Clarifier No. 4

Exhibit 9A - Frankfort Regional Plant – Existing Site Plan and Preliminary Options for Plant Capacity Expansion

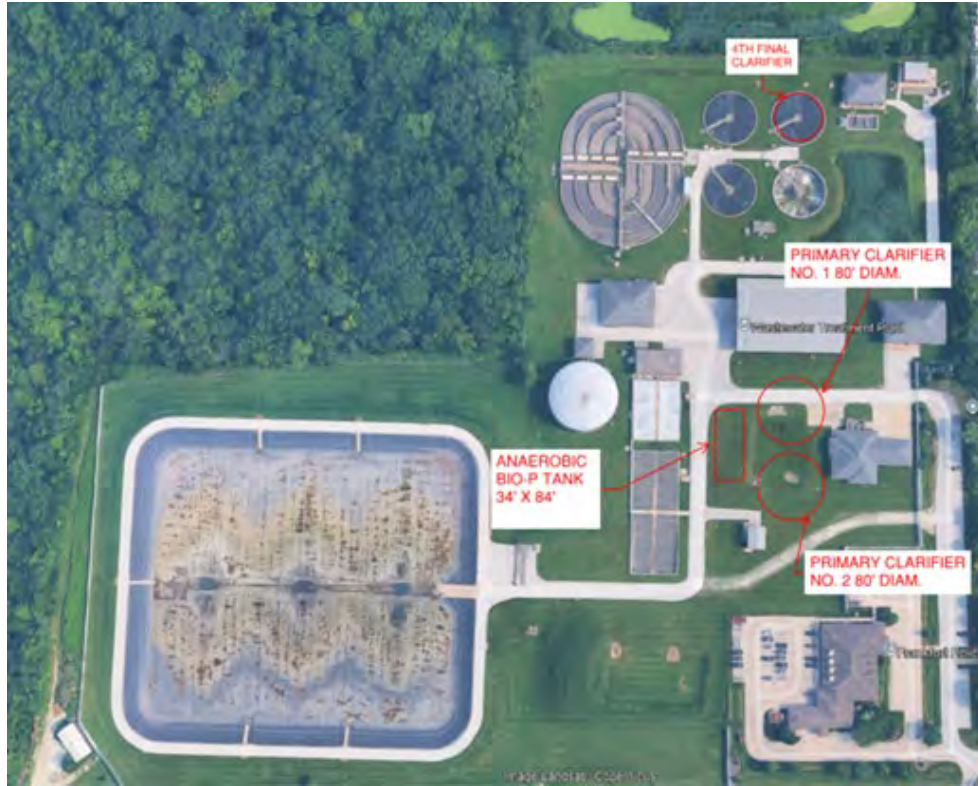
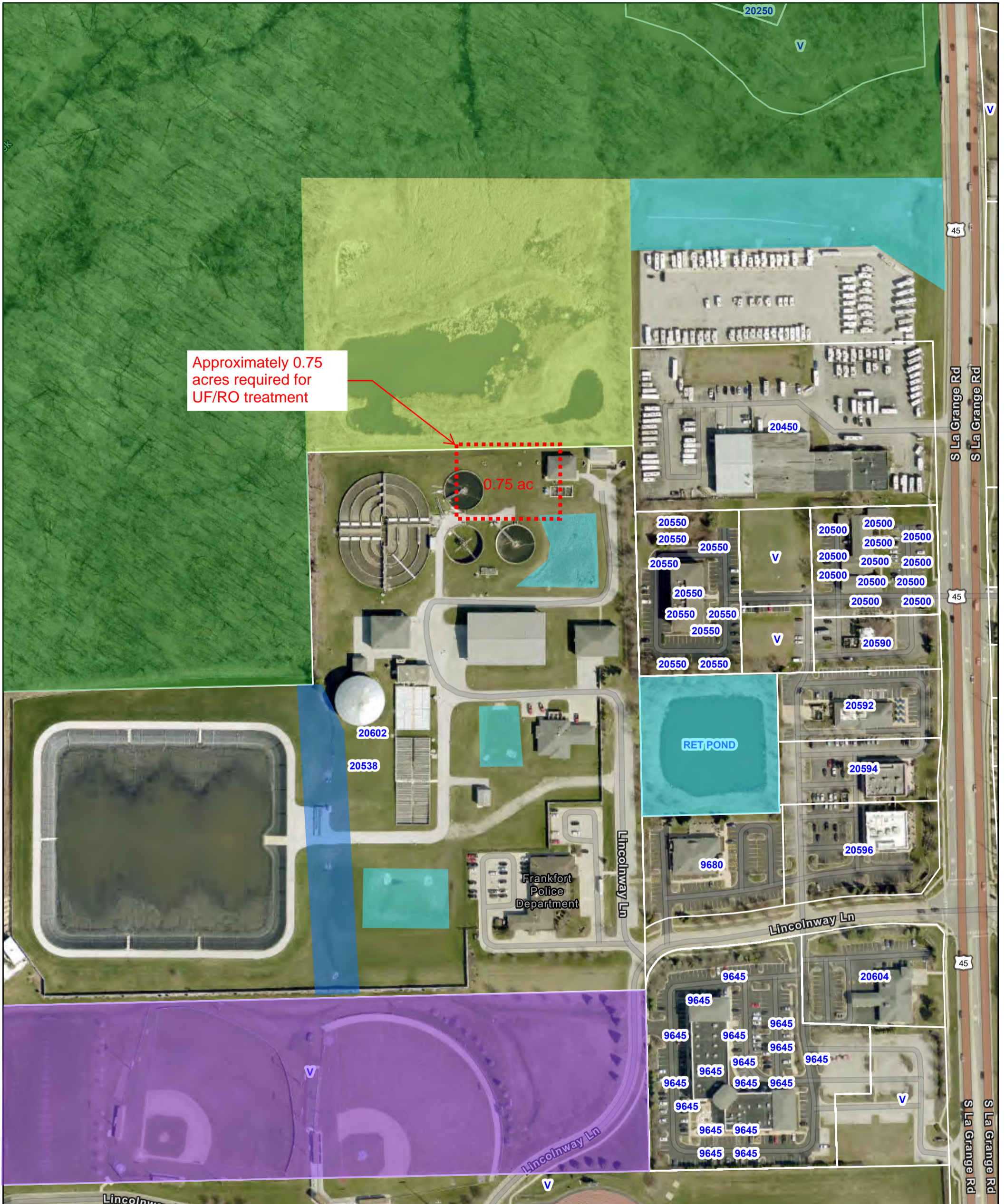


Figure 3 – Phase 2 Option 1: Full-Sized Primary Clarifier Layout



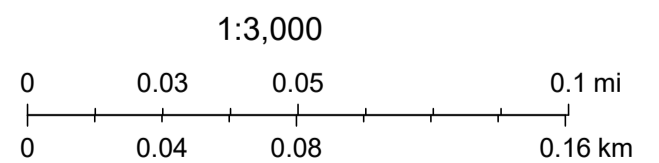
Figure 4 – Phase 2 Option 2: Small Primary Clarifier Layout

Regional WWTP RO Layout



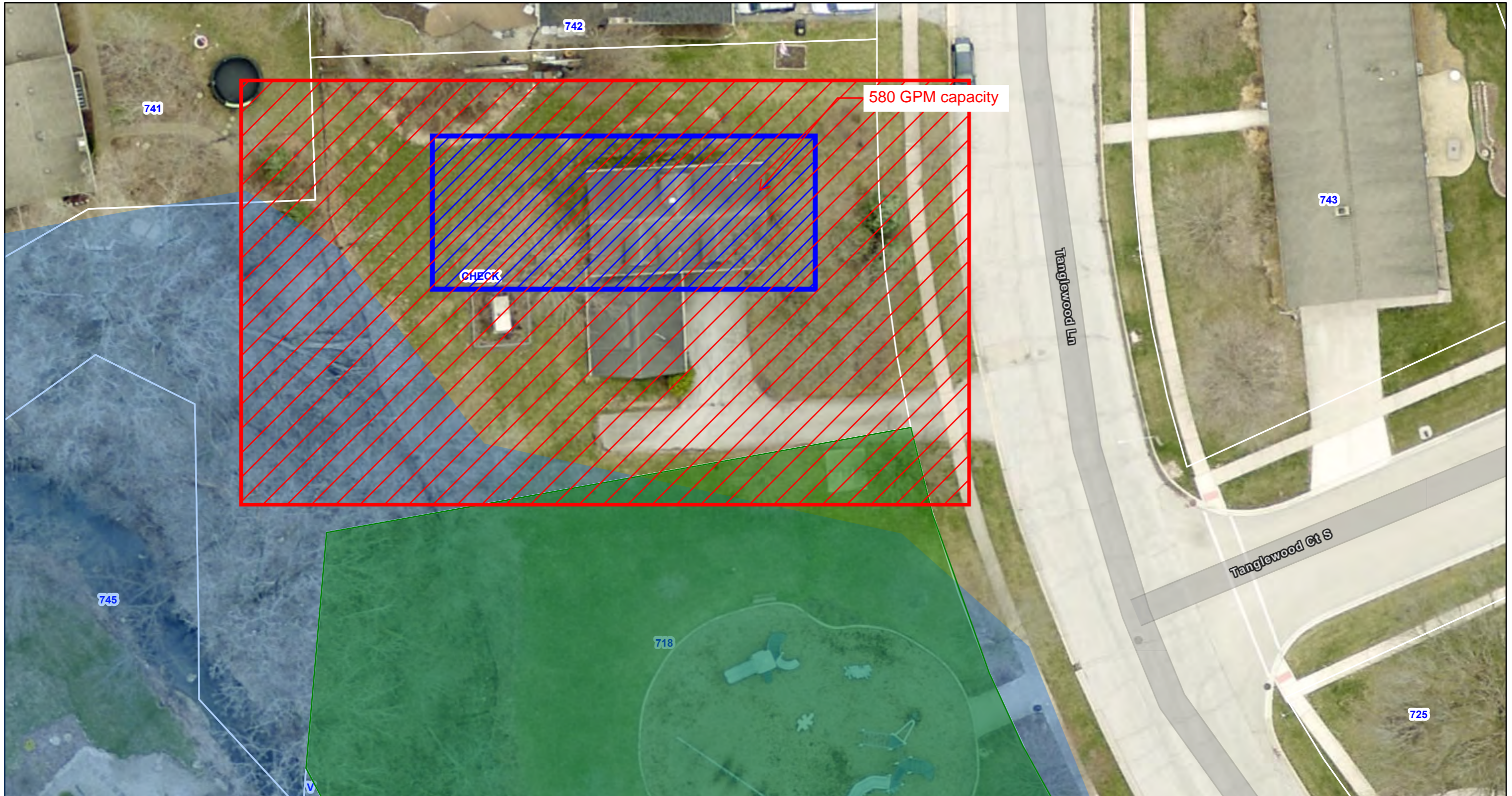
1/23/2025, 8:39:22 AM

- Forest Preserve Area
- Wetlands
- Required Stormwater Detention
- 100 Year Overland Flood Routing
- Lincoln-Way East High School Property
- Approximate UF-RO Footprint



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen,

EXHIBIT 10



1/22/2025, 10:38:50 AM

1:400

Will County Parcels 2023

High Resolution 60cm Imagery

7.5cm Resolution Metadata

World Imagery

High Resolution 30cm Imagery


 Park District Property

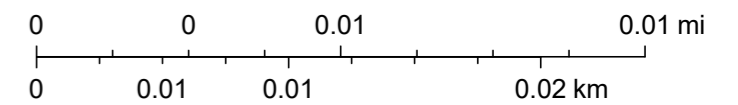
Low Resolution 15m Imagery

Citations

 Floodplain

 Approximate RO Building Footprint

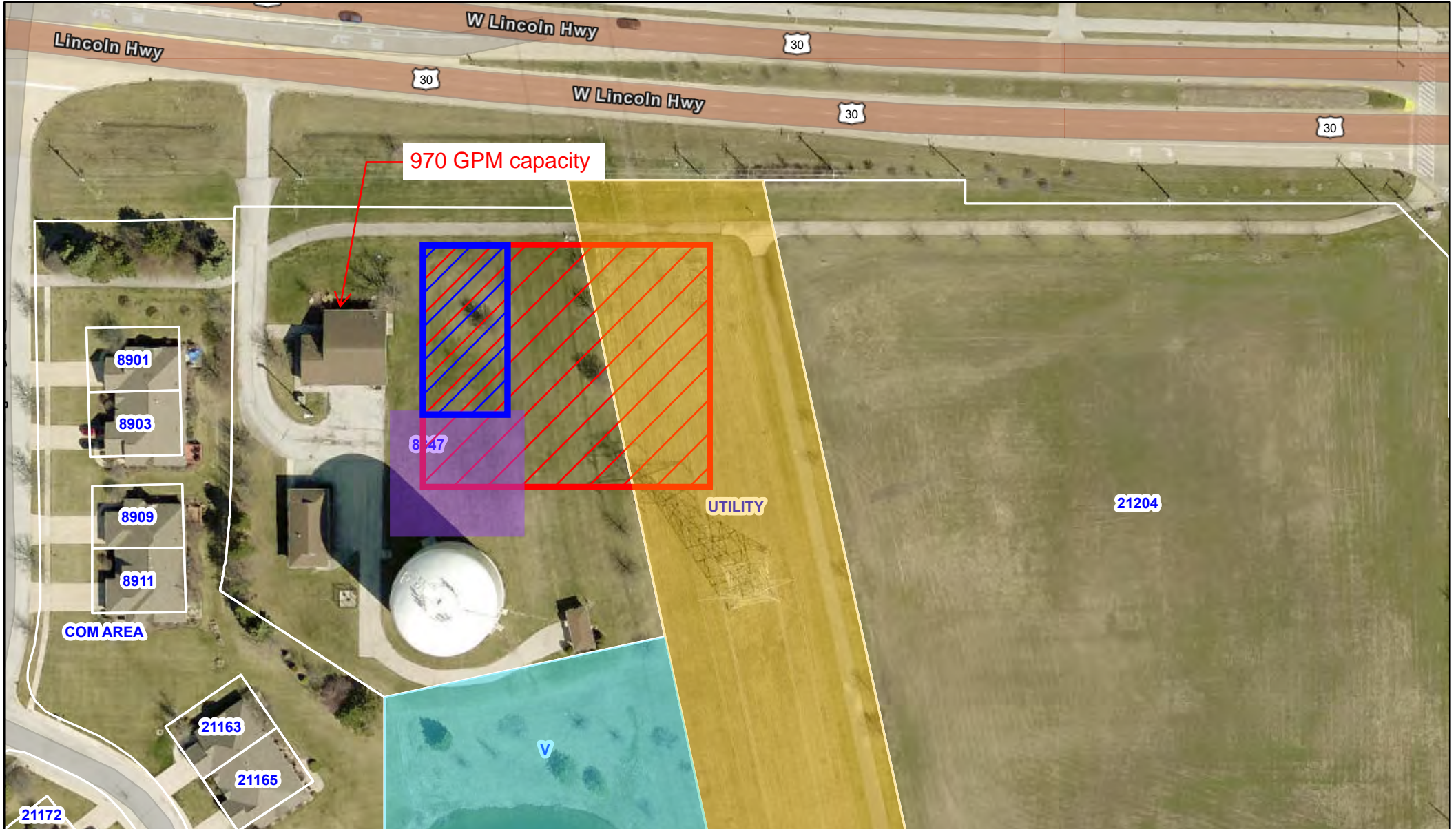
 Approximate Ion Exchange/Lime Softening WTP Footprint








Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA,

Exhibit 10

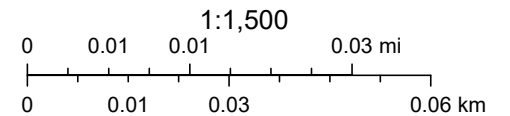
Well 10 Layout



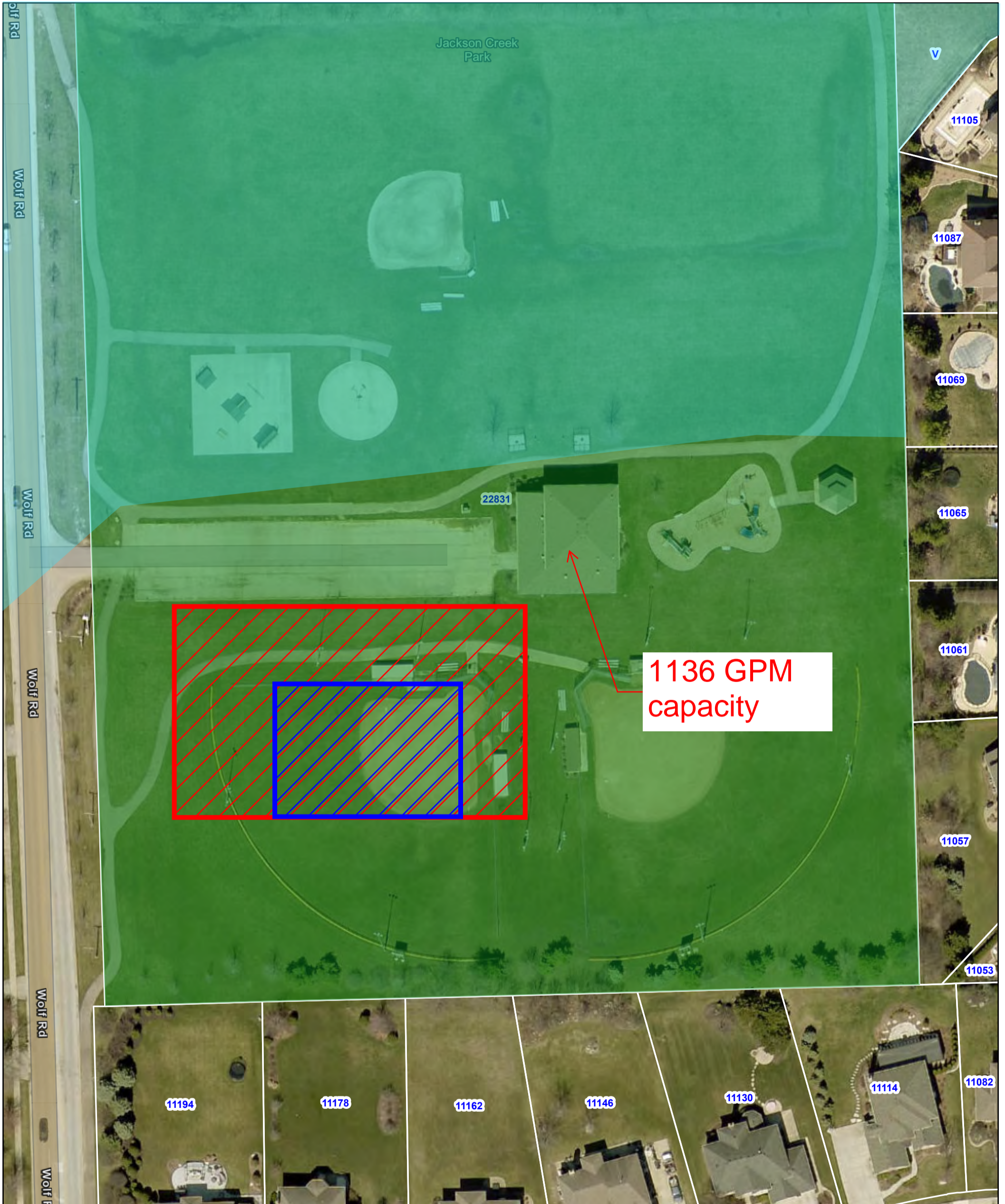
1/22/2025, 10:51:12 AM

-  Required Stormwater Detention
-  Future Standpipe Location
-  ComEd Right of Way
-  Approximate RO Building Footprint
-  Approximate Ion Exchange/Lime Softening WTP Footprint

30cm Resolution Metadata



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA,



1/20/2026, 12:40:33 PM



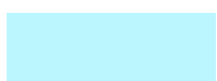
Approximate RO Building Footprint



Approximate Ion Exchange/Lime Softening WTP Footprint

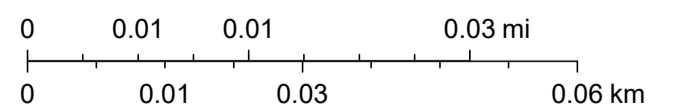


Park District Property

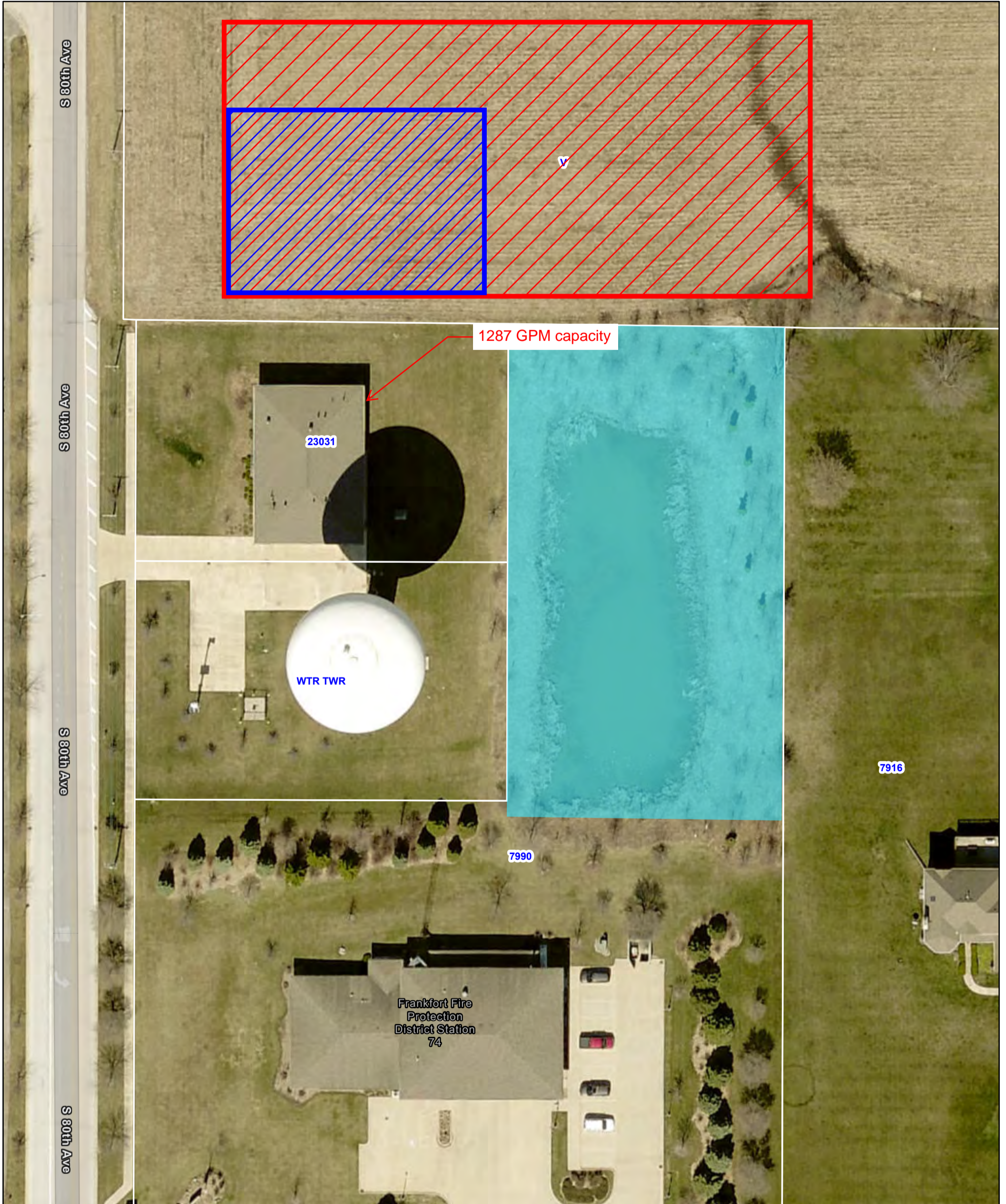


Floodplain




1:1,100

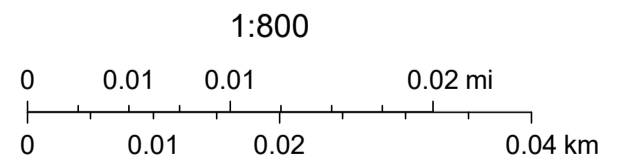



Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap

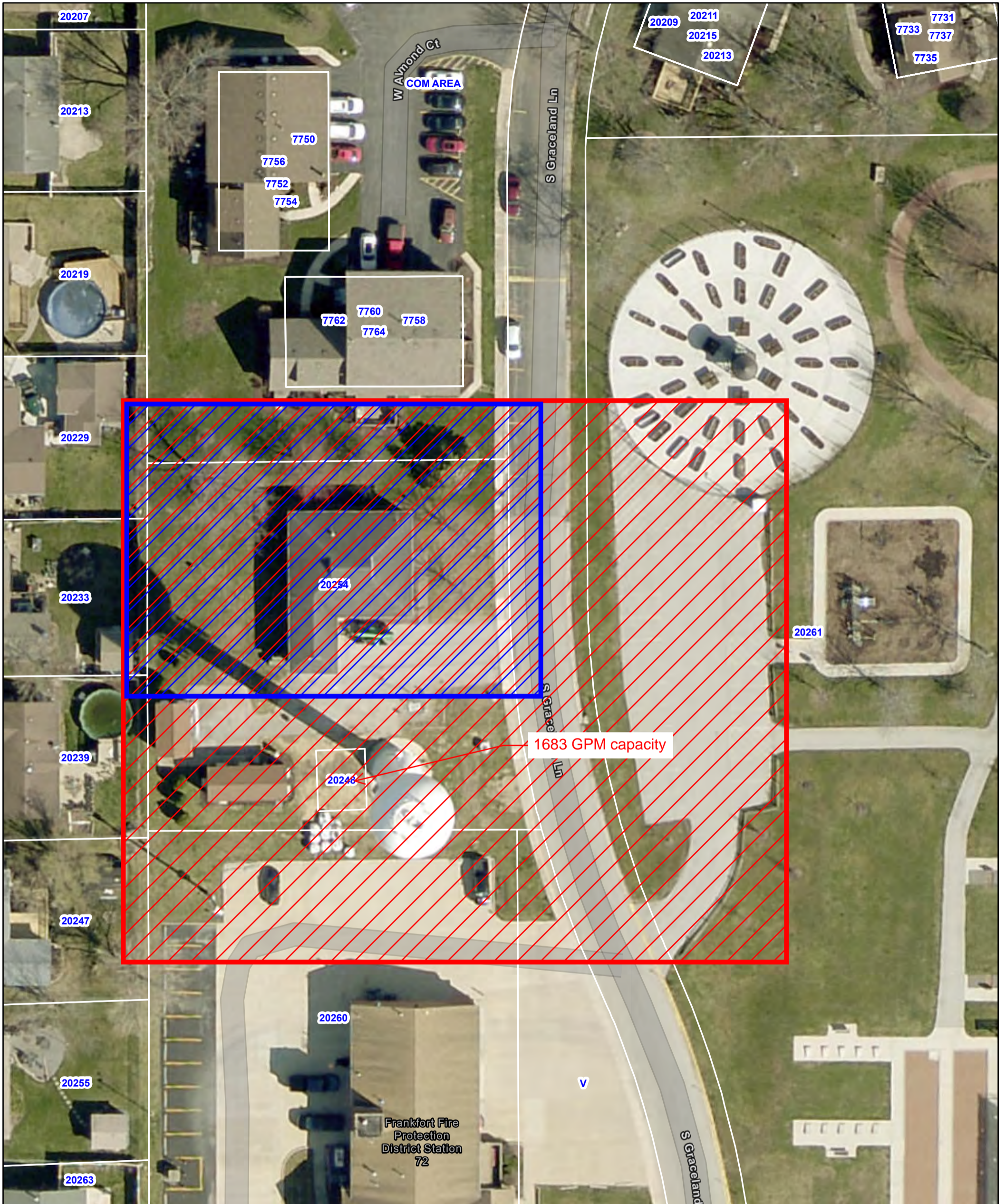


1/22/2025, 11:13:40 AM

-  Approximate RO Building Footprint
-  Approximate Ion Exchange/Lime Softening WTP Footprint
-  Required Stormwater Detention



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, MMA, Geodatastyrelsen, 



1/22/2025, 11:27:40 AM

Will County Parcels 2023


World Imagery


Low Resolution 15m Imagery

High Resolution 30cm Imagery

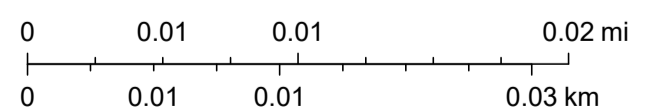
Citations

15cm Resolution Metadata

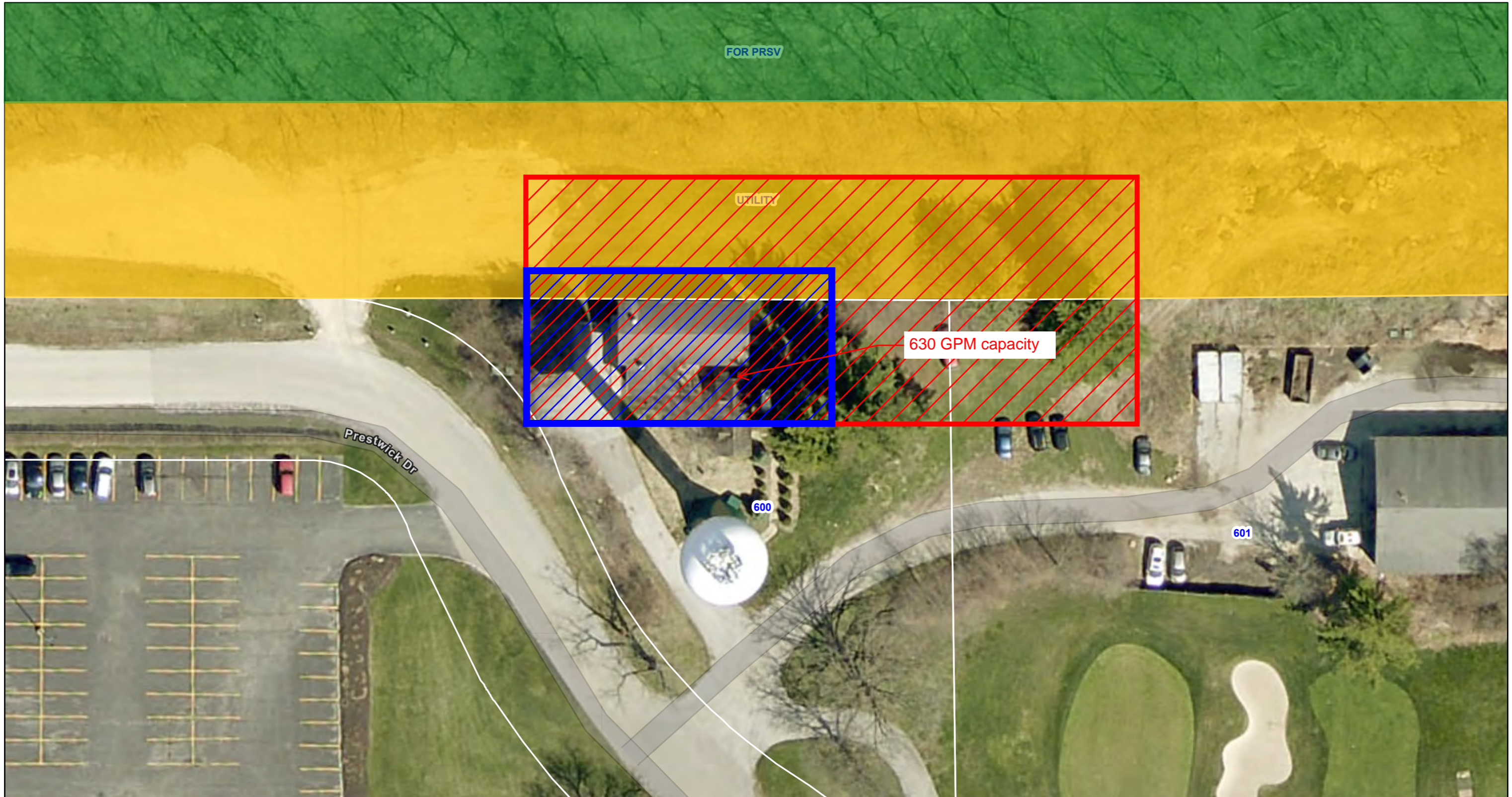
 Approximate RO Building Footprint

 Approximate Ion Exchange/Lime Softening WTP Footprint

1:600







Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastystyrelsen,

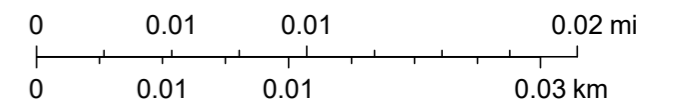


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1:600

Will County Parcels 2023

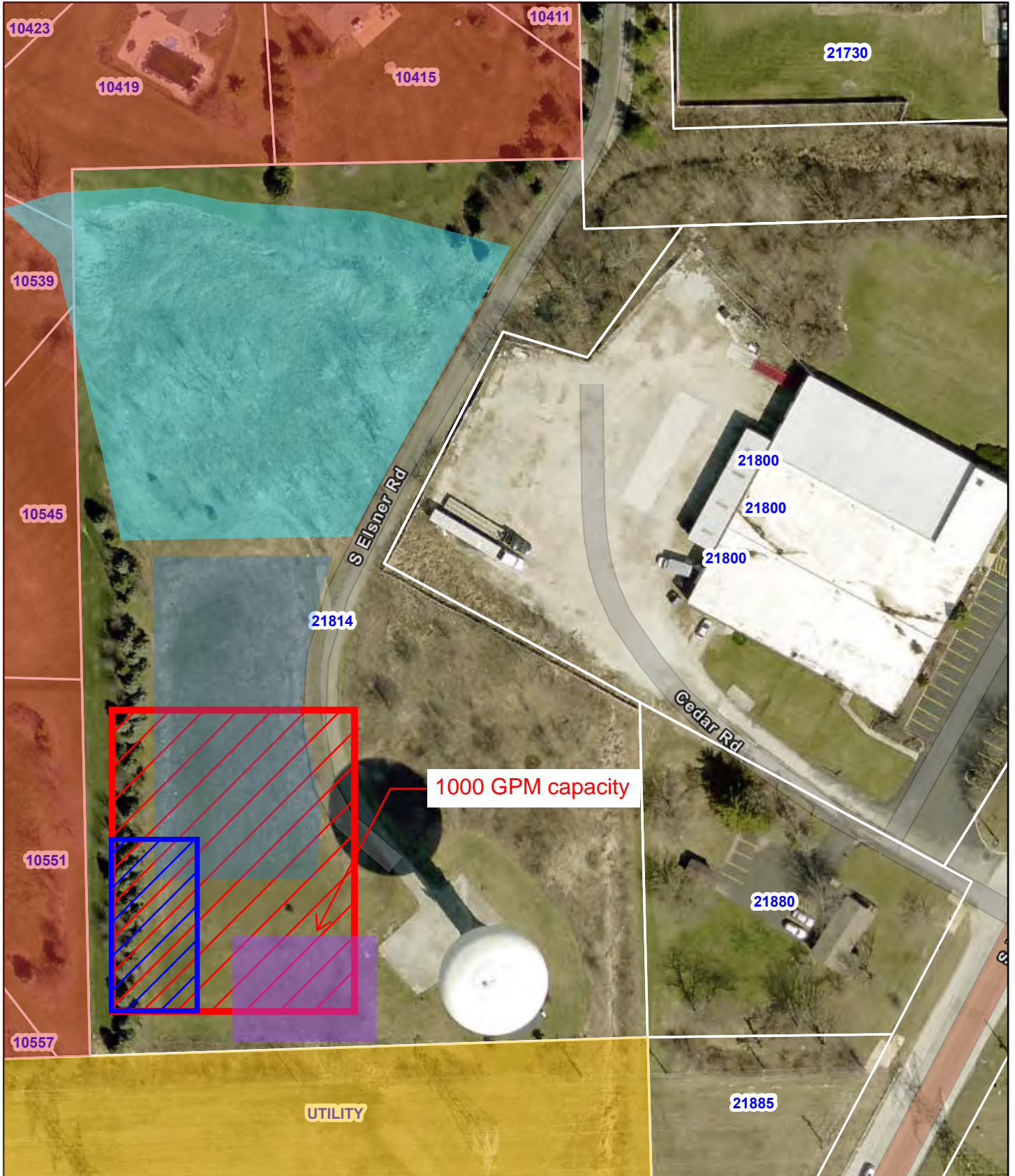
-  Approximate RO Building Footprint
-  Approximate Ion Exchange/Lime Softening WTP Footprint
-  Forest Preserve Old Plank Road Trail
-  High Pressure Natural Gas Pipeline Right of Way



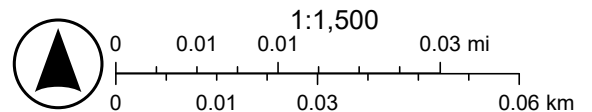
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA,

Exhibit 10








Well 18 Layout



1/22/2025, 11:51:49 AM



Will County Parcels 2023

-  Approximate RO Building Footprint
-  Approximate Lime Softening/Ion Exchange WTP Footprint
-  ComED Right of Way
-  Private Residential Property
-  Wetlands
-  Dry Bottom Detention
-  Well 18 - Under Construction


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, CNES/Airbus DS, InterMap, NASA/METI, NASA/NGS and the GIS User Community, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, County of Will,

EXHIBIT 11

Well #	Space Available	Lime Softening/IX		Lime Softening/IX		Land Cost Estimate \$/Acre
		Land Requirement (acres)	RO Land Requirement (acres)	Land Cost	RO Land Cost	
4	NO	0.50	0.13	\$91,000	\$24,000	\$179,000
10	Maybe	0.84	0.22	\$151,000	\$39,000	
11&12	Maybe	0.99	0.25	\$177,000	\$46,000	
13&14	Maybe	1.12	0.29	\$201,000	\$52,000	
15&16	NO	1.46	0.37	\$262,000	\$68,000	
17	NO	0.55	0.14	\$98,000	\$26,000	
18	Maybe	0.87	0.22	\$156,000	\$40,000	

Active




\$179,000

9518 Corsair Rd, Frankfort, IL 60423

-- beds -- baths **0.99** Acres

[See all 8 photos](#)

[Message](#)

Zillow listing

Compared to Database (Will County Parcels)

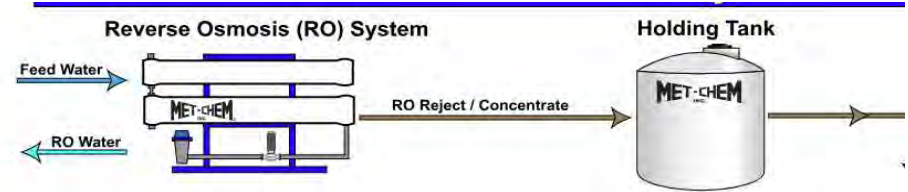
Non-specified industrial \$150,000 / ac in rural

Link to Property cost DB: [Search Properties](#) | [Commercial Real Estate for Sale](#) | [Crexi.com](#)

EXHIBIT 12

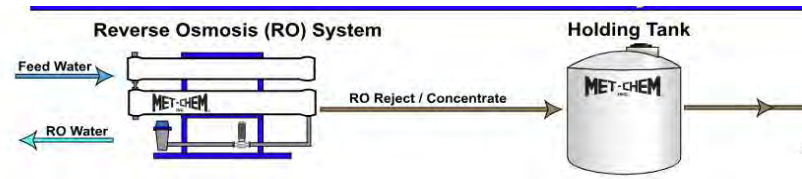
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
8,000	0.18	179000	\$ 40,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst	\$ 1,425,000	1	\$ 1,425,000
Building Construction (-	\$ 1,200,000	1	\$ 1,200,000
	Subtotal		\$ 2,625,000
	E&A (10%)		\$ 262,500
	Electrical (10%)		\$ 262,500
	Subtotal w/ E&A, Electrical		\$ 3,150,000
	OH&P (15%)		\$ 472,500
	Construction Cost		\$ 3,622,500
	Contingency (20%)		\$ 724,500
	Construction Cost w/ Contingency		\$ 4,347,000
	Design, Construction and Legal (12%)		\$ 521,640
	Land Acquisition		\$ 40,000
	TOTAL Construction COST		\$ 4,910,000



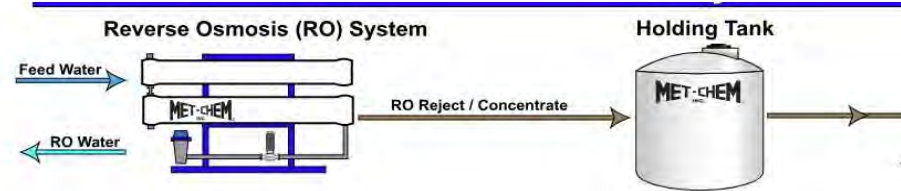
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
14,000	0.32	179000	\$ 60,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
qua RO System and Instr:	\$ 1,950,000	1	\$ 1,950,000
Building Construction (7	\$ 2,160,000	1	\$ 2,160,000
	Subtotal		\$ 4,110,000
	E&A (10%)		\$ 411,000
	Electrical (10%)		\$ 411,000
	Subtotal w/ E&A, Electrical		\$ 4,932,000
	OH&P (15%)		\$ 739,800
	Construction Cost		\$ 5,671,800
	Contingency (20%)		\$ 1,134,360
	Construction Cost w/ Contingency		\$ 6,806,160
	Design, Construction and Legal (12%)		\$ 816,739
	Land Acquisition		\$ 60,000
	TOTAL Construction COST		\$ 7,690,000



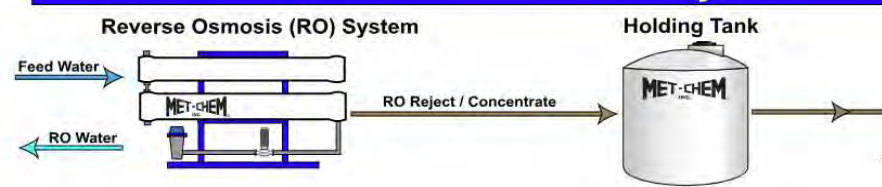
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
30,000	0.69	179000	\$ 130,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst:	\$ 3,000,000	1	\$ 3,000,000
Building Construction (1	\$ 4,200,000	1	\$ 4,200,000
		Subtotal	\$ 7,200,000
		E&A (10%)	\$ 720,000
		Electrical (10%)	\$ 720,000
		Subtotal w/ E&A, Electrical	\$ 8,640,000
		OH&P (15%)	\$ 1,296,000
		Construction Cost	\$ 9,936,000
		Contingency (20%)	\$ 1,987,200
		Construction Cost w/ Contingency	\$ 11,923,200
		Design, Construction and Legal (12%)	\$ 1,430,784
		Land Acquisition	\$ 130,000
		TOTAL Construction COST	\$ 13,490,000



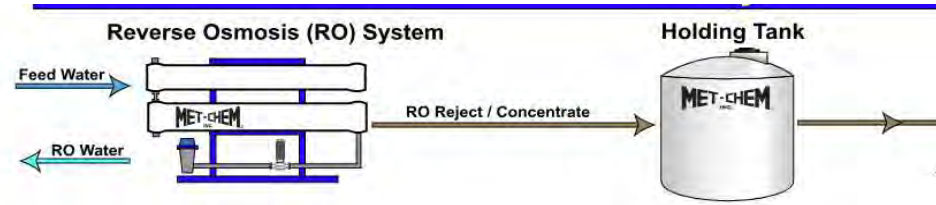
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
40,000	0.92	179000	\$ 170,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst:	\$ 3,900,000	1	\$ 3,900,000
Building Construction (2	\$ 6,120,000	1	\$ 6,120,000
	Subtotal		\$10,020,000
	E&A (10%)		\$ 1,002,000
	Electrical (10%)		\$ 1,002,000
	Subtotal w/ E&A, Electrical		\$12,024,000
	OH&P (15%)		\$ 1,803,600
	Construction Cost		\$13,827,600
	Contingency (20%)		\$ 2,765,520
	Construction Cost w/ Contingency		\$16,593,120
	Design, Construction and Legal (12%)		\$ 1,991,174
	Land Acquisition		\$ 170,000
	TOTAL Construction COST		\$18,760,000



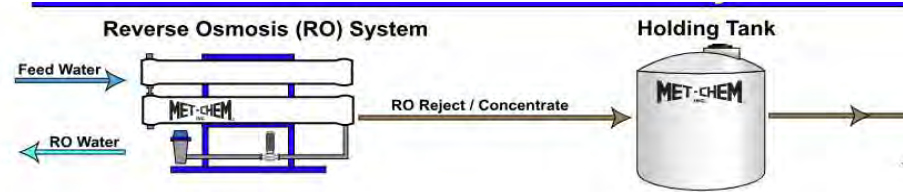
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
30,000	0.69	179000	\$ 130,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst:	\$ 3,000,000	1	\$ 3,000,000
Building Construction (1	\$ 4,200,000	1	\$ 4,200,000
	Subtotal		\$ 7,200,000
	E&A (10%)		\$ 720,000
	Electrical (10%)		\$ 720,000
	Subtotal w/ E&A, Electrical		\$ 8,640,000
	OH&P (15%)		\$ 1,296,000
	Construction Cost		\$ 9,936,000
	Contingency (20%)		\$ 1,987,200
	Construction Cost w/ Contingency		\$ 11,923,200
	Design, Construction and Legal (12%)		\$ 1,430,784
	Land Acquisition		\$ 130,000
	TOTAL Construction COST		\$ 13,490,000



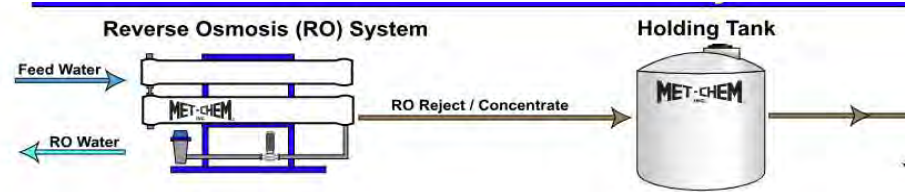
Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
14,000	0.32	179000	\$ 60,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst:	\$ 1,650,000	1	\$ 1,650,000
Building Construction:	\$ 2,160,000	1	\$ 2,160,000
	Subtotal		\$ 3,810,000
	E&A (10%)		\$ 381,000
	Electrical (10%)		\$ 381,000
	Subtotal w/ E&A, Electrical		\$ 4,572,000
	OH&P (15%)		\$ 685,800
	Construction Cost		\$ 5,257,800
	Contingency (20%)		\$ 1,051,560
	Construction Cost w/ Contingency		\$ 6,309,360
	Design, Construction and Legal (12%)		\$ 757,123
	Land Acquisition		\$ 60,000
	TOTAL Construction COST		\$ 7,130,000



Land Acquisition			
Sq. Ft.	Acres	\$/Acre	Total (Rounded)
14,000	0.32	179000	\$ 60,000

RO Construction Cost			
Line Item	Unit Cost	Qty	Total
ua RO System and Inst:	\$ 1,950,000	1	\$ 1,950,000
Building Construction (\$ 2,160,000	1	\$ 2,160,000
	Subtotal		\$ 4,110,000
	E&A (10%)		\$ 411,000
	Electrical (10%)		\$ 411,000
	Subtotal w/ E&A, Electrical		\$ 4,932,000
	OH&P (15%)		\$ 739,800
	Construction Cost		\$ 5,671,800
	Contingency (20%)		\$ 1,134,360
	Construction Cost w/ Contingency		\$ 6,806,160
	Design, Construction and Legal (12%)		\$ 816,739
	Land Acquisition		\$ 60,000
	TOTAL Construction COST		\$ 7,690,000



Reverse Osmosis O&M Costs					
Item	Unit	Cost/Unit	Annual Qty	Sub-Total	
Chemical (CIP Chemicals)	\$/1000 gal	\$ 0.44	1,715,500	\$	752,000
Energy Consumption	\$/1000 gal	\$ 0.61	1,715,500	\$	1,060,000
Transmission Main/LS Maintenance	\$/LF	\$ 5.00	65,000	\$	325,000
Labor Costs (4 FT staff)	hr	\$ 50	8320	\$	416,000
Preventative Maintenance (Including Membrane Replacements)	LS	-		\$	256,000
Total				\$	2,810,000

[1120 t1.pdf \(fwj.com\)](#)

4.7 MGD= gal treated
1,715,500,000
per year

Total O&M/1,000 gallons treated \$1.64
Treatment Cost per MG \$1,638

Village of Frankfort, Illinois
 Chloride Variance Petition
 Construction and Annual Maintenance Costs for water treatment potential solutions
 Project number 0210337.30
 Prepared by Harry Harmon, PE

VOIDED O&M Costs

Reverse Osmosis O&M Costs		
	2021	2022
Equipment Maintenance Agreements	\$23,121.01	\$31,607.56
Pipe Cleaning	\$1,068.68	\$2,773.48
Water Quality Testing	\$10,484.50	\$11,264.07
MWRD User Charge	\$34,239.75	\$43,204.42
Utilities	\$386,284.95	\$471,323.75
Tools	\$213.66	\$488.68
Safety Equipment	\$993.27	\$1,184.97
Laboratory	\$2,509.52	\$4,192.76
Water Repair Parts	\$18,074.00	\$32,208.22
Well Repair Materials	\$28,987.95	\$73,090.23
Membrane Cartridges	\$208,430.60	\$42,336.20
Chemicals	\$227,859.58	\$262,009.36
Capital Improvements	\$2,711.00	\$98,113.79
TOTAL	\$944,978.47	\$1,073,797.49
	Treatment cost per MG	
	\$1,344.21	\$1,630.83
Construction Cost w/pretreatment	\$12.7	
Precipitation & Coagulation to PT WW to get water quality for RO Treatment		

2021

Month	Well No. 3 Pumpage	Well No. 4 Pumpage	Total Well Pumpage	Plant Effluent Total
January	23.163	25.257	48.42	44.774
February	21.827	23.362	45.189	41.492
March	33.818	14.012	47.83	44.705
April	27.079	25.572	52.651	49.583
May	25.25	37.624	62.874	58.011
June	32.82	38.558	71.378	66.563
July	26.924	40.483	67.407	62.691
August	28.186	42.974	71.16	64.753
September	25.73	42.233	67.963	63.589
October	17.734	40.941	58.675	53.36
November	11.088	43.405	54.493	49.463
December	16.114	39.057	55.171	50.267
TOTALS	289.733 MG	413.478 MG	703.211 MG	649.251 MG

2022	in Millions of Gallons
January	54.581
February	48.017
March	53.198
April	51.828
May	59.525
June	67.008
July	59.783
August	58.775
September	53.761
October	51.147
November	48.096
December	52.719
TOTAL:	658.438

EXHIBIT 13

Home Chloride Softener Replacement - Salt Free Units

Utility Customers	Unit Cost/Replacement		Extended Cost
11,599	\$2,500	\$	29,000,000
	Subtotal	\$	29,000,000
	Contingency (20%)	\$	5,800,000
	Subtotal w/ Contingency	\$	34,800,000
	Design, Admin and Legal (10%)	\$	3,480,000
	TOTAL CAPITAL COST	\$	38,300,000

EXHIBIT 14

Law Offices

August 13, 2014

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Suite 3700
Chicago, IL
60606-1698

VIA EMAIL: Roger.Callaway@Illinois.gov

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Roger Callaway
Illinois Environmental Protection Agency
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Springfield, IL 62794

CALIFORNIA
DELAWARE
ILLINOIS
NEW JERSEY
NEW YORK
PENNSYLVANIA
WASHINGTON D.C.
WISCONSIN

RE: Village of Frankfort
NPDES Permit Ill 0020532
Violation Notice W-2014-50030

Dear Mr. Callaway:

We have been retained by the Village of Frankfort (“Village”) to assist them with chloride compliance. As such I have prepared this additional response to the request in your June 20, 2014 conversation with representatives of the Village asking them to provide additional information regarding the various options they considered in regards to their achieving compliance with the Chloride limit of 500 mg/L in the above referenced NPDES Permit (“Chloride Limit”) for the Village's West Wastewater Treatment Plant (“West Plant”).

This Chloride Limit is a water quality based effluent limitation resulting from the application of the provisions of the water quality standards found at 35 Ill Admin Code, Subpart A Pollution Control Board, Subtitle C Water Pollution: General Water Quality Provisions, Chapter 1: (“General Use Water Quality Standards” or “General Use Standards”). A limitation of 500 mg/L for Total Chloride is prescribed in Section 302.208, Numeric Standards for Chemical Constituents, Sub Section g) Single-value standards apply at the following concentrations for these substances: 500 mg/L (total) (“Chloride Standard”). The Illinois Environmental Protection Agency (“IEPA” or “Agency”) imposed the Chloride Limit pursuant to Section 304.105 Violation of Water Quality Standards as a water quality based effluent limit in the West Plant NPDES Permit because the receiving stream has zero low flow and is impaired for chloride, and the reported discharge had a likelihood of exceeding the water quality standard.

As will be set forth in this letter in substantial detail, the Village has sought out a course of action with the assistance of the Agency and Region V of the United States Environmental Protection Agency (“US EPA”) beginning long before the above cited Violation Notice (“VN”). A copy of this Violation Notice is included with this letter as Attachment 1. While the Village recognizes that responding to the VN is their immediate problem, we respectively believe that compliance with the one size fits all General Use Water Quality Standards adopted by the Illinois Pollution Control Board (“PCB”) in 1972 presents significant problems in general for Illinois municipalities who discharge to small

headwater streams where their discharge provides the constant flow downstream during times of what would otherwise be a dry stream during many times of the year. Compliance is likewise difficult for those Illinois dischargers to what are effluent dominated waters. Compliance with Chloride Limits for these dischargers is either a present problem or will become a problem when NPDES Permits are renewed in the near future with limits similar to those in the Village NPDES Permit because it is not technically feasible to provide treatment to meet the chloride limitations.

Solving the immediate Chloride Limit problem with respect to the West Plant will not eliminate the issue because the Village currently has three wastewater treatment plants in use: West Plant, North Plant and Regional Plant. A map depicting the Village Facility Planning Area and Sanitary Service Area is included with this letter as Attachment 2. The West Plant, located south of Colorado Avenue at Birchwood Road, is the oldest of these three plants and was constructed in 1959. Major improvement projects were completed in 1972, 1987 and 2010 to expand the plant to meet the growth needs of the Village. The Village operates the West Plant under NPDES Permit No. IL0020532, which authorizes its discharge to an Unnamed Tributary of the Hickory Creek. This permit has an expiration date of September 30, 2015. A copy of this permit is included as Attachment 3 to this letter. The current permit limits chloride to a monthly average of 500 mg/L and flow to a design average flow of 1.3 MGD and design maximum flow of 3.9 MGD. The West Plant process currently consists of a raw sewage pump station with grinder, raw sewage transfer pumps, primary clarifiers, activated sludge process for biological oxygen demand (“BOD”) removal, intermediate clarifiers, RAS/WAS pump station, nitrification in packed bed reactors, final settling, tertiary filters and chlorination. Disinfection is provided from May through October and sludge is treated via aerobic digestion. The West Plant discharges to an Unnamed Tributary of Hickory Creek which has a 7-day, 10-year low flow of zero “0 7 Q10 or zero low flow.” The Unnamed Tributary joins the main branch of Hickory Creek approximately 0.46 miles downstream of the West Plant discharge. The only impairment in the 2014 303d list for the Unnamed Tributary is Total Phosphorus.

The North Plant was originally constructed in 1970 and operates under NPDES Permit No. IL0045403, which expired November 30, 2012. The permit limits include a design average flow of 1.35 MGD and design maximum flow of 3.79 MGD. A renewal application is currently on file with the Agency. The North Plant consists of a raw sewage pump station, primary clarifiers, activated sludge process (single stage nitrification), final settling, RAS/WAS pump station, tertiary filters, and chlorination. Disinfection is provided from May through October and sludge is treated via aerobic digestion. The North WWTP discharges to Union Ditch, which is a tributary of Hickory Creek and has a 7Q10 of zero. Union Ditch joins the main branch of Hickory Creek approximately one mile downstream of the discharge point. Impairments for Union ditch in the 2014 303d list include: ammonia, chloride, dissolved oxygen, total phosphorus and sedimentation/siltation.

The Regional Plant was originally constructed in 1998 and operates under NPDES Permit No. IL0072192, which expires November 30, 2014. A renewal application is currently on file with the Agency. The permit limits total flow to a design average flow of 3.0 MGD and design maximum flow of 9.0 MGD. The Regional plant consists of a mechanical screen with bar screen bypass, grit removal, odor control, oxidation ditch, chemical phosphorus removal facilities, final clarifiers, tertiary filters, re-aeration tank, and ultraviolet disinfection. Disinfection also occurs from May through October and sludge is treated via aerobic digestion and can be thickened with a centrifuge. The Regional Plant discharges into Hickory Creek. Impairments to Hickory Creek in the 2014 303d list include: total phosphorus, chloride and dissolved oxygen.

In May of 2010 the Agency first proposed the inclusion of a Chloride Limit in a draft permit for the West Plant. The Village requested a 36 month compliance schedule in a letter dated June 15, 2010. The Agency issued the final NPDES Permit on September 7, 2010 with an effective date of October 1, 2010, containing a monthly average Chloride Limit of 500 mg/L. Special Condition 16 provided a three year compliance period to investigate alternatives to comply with the Chloride Limit and required that the Village provide interim status reports to the Agency.

The first status report dated March 30, 2011 was prepared and submitted on behalf of the Village by its environmental engineering consultant Baxter and Woodman, Inc. ("BWI"). In this initial report BWI explained that the Village had conducted additional effluent monitoring to confirm that it did periodically exceed the limitation. BWI stated that "no wastewater treatment options feasible on the municipal scale exist for removal of chlorides. Accordingly, an investigation into the chloride sources and their reduction is the only viable compliance option available in this case." They proposed that the Village would undertake a study to determine the source of the chlorides involving sampling of selected manholes and a review of industrial sources. A copy of this first Status Report is included as Attachment 4 to this letter. BWI prepared and submitted the second status report on October 3, 2011 explaining that the Village had implemented the monitoring program it had proposed in the first status report. A copy of this second Status Report is included as Attachment 5 to this letter. They explained that the Village completed studies that determined that home water softeners contribute the majority of chlorides to the sewer system. In the third status report submitted on February 16, 2012, BWI reported that the results of the sewer sampling that had been conducted were reported back to the Village in the previous month and were under evaluation. A copy of this third Status Report is included as Attachment 6 to this letter. BWI submitted a fourth status report dated October 31, 2012 in which it explained that a survey of all of the industrial dischargers to the West Plant was underway. A copy of this fourth Status Report is included as Attachment 7 to this letter.

A meeting between representatives of the Village and the IEPA was held in Springfield on April 15, 2013 to discuss the results of the work done to date by the Village to develop a compliance plan. Attachment 8 to this letter is a Memorandum from Ms. Poole of BWI to Mr. Darrin Yount and Mr. Rob Piscia of the Village providing a list of those who attended the meeting and a summary of what was discussed. The results of the work described in the progress reports showed that there were no industrial sources discharging significant chlorides to the West Plant and that the most likely source of the chlorides was the use of home water softeners that are used to treat the hardness in the drinking water supplied by Frankfort. BWI also continued to point out that there “is currently no technology to remove chlorides through wastewater treatment.” Because the IEPA agreed, alternate water supplies and regulatory relief were also discussed. As explained at the meeting, IEPA presented the problems that it was encountering with US EPA in terms of approvability of relief granted by the Board. A suggestion was made that the Village contact US EPA to discuss the chloride issue with them.

A subsequent meeting was held on November 18, 2013 between the Village and IEPA to try and find a means to resolve the compliance issue through a permit change. This meeting is described in some detail in a letter dated December 13, 2013 from Mr. Derek Wold of BWI to Ms. Amy Dragovich. A copy of this letter is included as Attachment 9 to this letter. The efforts conducted by the Village and the discussions from the November 18, 2013 meeting are discussed in this letter. Basically, the Village again explained that there is no technical means to treat the chlorides and discussions with US EPA had proven to not be helpful at identifying a means by which regulatory relief could be obtained that they would approve. Therefore, the Village requested that IEPA include a three year compliance plan when it acted on the pending NPDES Permit modification for changes to the ammonia and copper limits. A memorandum prepared by Ms. Poole to Mr. Yount dated November 20, 2013 sets forth the meeting notes prepared by BWI of the November 18, 2013 meeting. A copy of this memo is found as Attachment 10 to this letter.

While this permit modification request was pending, the IEPA issued the above captioned Violation Notice dated March 31, 2014 based upon effluent violations for Chloride in the October and December 2013 Discharge Monitoring Reports and for the Village’s failure to submit a final report verifying compliance with the Chloride limits as required by Special Condition 16. A copy of this Violation Notice is set forth as Attachment 1 to this letter. The Village responded on April 16, 2014 outlining what is set forth above and requesting a meeting to discuss the Violation Notice. The Village also outlined what it could propose as Compliance Commitment Agreement (“CCA”). A copy of this response is included with this letter as Attachment 11. Following this meeting the IEPA sent a letter informing the Village that they had until May 22, 2014 to provide a written proposed term for a CCA following the meeting on May 1, 2014. A copy of this May 1, 2014 letter is included as Attachment 12 to this letter. On May 19, 2014 the Village provided its outline of what it was proposing as a CCA consisting of a

Public Education Campaign to minimize contribution of chloride from water softeners, seeking a Lake Michigan Allocation for a new source of drinking water with lower hardness to reduce the need for water softening, potential Legislative Changes that would set forth acceptable softening systems, TMDL Study, and submittal of Progress Reports. A copy of this proposed CCA is included as Attachment 13 to this letter. On June 18, 2014 the IEPA sent the Village a Notice of Non-Issuance of Compliance Commitment Agreement which is included as Attachment 14 to this letter. While this form letter refers to a disagreement between the IEPA and the Village, there is no discussion as to what is this disagreement that IEPA has with any item submitted by the Village. On June 20, 2014 representatives of the Village and the IEPA had a phone conversation with you concerning the IEPA request for additional information regarding alternatives that the Village has investigated for meeting the Chloride Limit. On July 3, 2014 the Village provided a letter indicating that it was working on pulling this information together and would be submitting it as soon as it was available. A copy of the letter is included as Attachment 15 to this letter.

The following is a summary of the options that the Village along with BWI has evaluated to comply with the Chloride limit as you requested during the June 20, 2014 call. Additional information is available should the IEPA have any questions concerning any specific option as set forth below:

- Reverse Osmosis at the WWTPs – Even though this is a nontraditional application of this treatment method, the Village researched its feasibility. The costs are estimated to exceed \$40 million to install units at all three WWTPs. It also creates a significant secondary issue. Once the chloride is removed there is no place to discharge the reject water which is highly concentrated with chloride, thus, making this option not feasible.
- Regulatory Relief – The IEPA suggested the Village meet with the US EPA to understand the requirements and process to provide regulatory relief. The Village met with US EPA and they suggested that the only method that has been approved is economic hardship. Since the Village will struggle to meet the economic hardship requirements, the potential for a site specific limit was discussed. The US EPA originally stated this would be possible but reversed their position in a later meeting saying the results would probably not support a Chloride Limit that provides relief. The estimated cost to conduct the Water Effects Ratio (WER) testing that would be the foundation of site specific limit development is at least \$50,000 with a low probability of IEPA approval or successful results. This option will be discussed at greater length later in this letter.

- Water Treatment Options – Various options were evaluated to soften the water at the Village's existing water treatment facilities in hopes of removing the need for residents to soften individually.
 - Ion Exchange Filters – These units could be installed at all of the treatment facilities at a cost between \$20-\$30 million. This option is not feasible since it utilizes salt and the backwash is still sent to the wastewater treatment plants in concentrated levels for disposal.
 - Membrane Filtration (RO) – This option involves installing Reverse Osmosis filters at all of the treatment facilities. The estimated costs are \$25-\$37 million. This option reduces the capacity at the wastewater treatment plants and the capacity of the wells due to the backwash created. It also creates the need to acquire more land since most of the Village's facilities are landlocked in residential areas.
 - Lime Softening – This option would involve construction of two new water treatment plants, land acquisition, and the installation of transmission mains from the various well site locations to the new plants. The estimated cost for this option is \$44 million.
 - Lake Michigan Water Allocation – This option involves applying for an allocation to allow withdraw of Lake Michigan water as a water source from the Illinois Department of Natural Resources "IDNR". An evaluation of how the water would be delivered from the source to the Village would have to take place. The last opportunity to bring Lake Michigan water to the Village involved infrastructure installations in excess of \$60 million. The feasibility of receiving the allocation is unknown and the cost of the infrastructure improvements makes this option not feasible.
 - Replace All Residential Water Softeners – This option evaluated replacing all softeners with a non-salt softening system throughout the Village. The cost would be in excess of \$100 million.
- Alternate Discharge Location – This option involves trying to establish a different outfall location. Installing miles of piping to transfer effluent to a different body of water was considered. A majority of the ditches, tributaries, creeks, streams, and rivers in the surrounding area are already impaired for chloride or other compounds found in the effluent so this option was not viable.

- Flow Augmentation – This option looked at installing a ground water well at the West Plant site. This well would pump into the tributary to Hickory Creek at a point just upstream from the outfall during dry weather, when there is zero flow in the stream. Even though this is the least costly option with an approximate cost of \$250,000, it does not seem to be a prudent use of a precious natural resource when the ultimate goal is to improve and protect our environment.
- Close the West Plant – The Village is in the process of developing a Facility Plan (Plan) for its wastewater utility. This Plan evaluates the Village's wastewater system to determine its ability to meet current and future capacity and compliance needs as well as evaluating the condition of the facilities. Although this Plan has not been finalized or approved by the Village Board, some of the options being evaluated include the closing of the West Plant and converting it in to an excess flow facility. The cost for this option is approximately \$4 million. The Village Board should be in a position to grant approval of the plan and corresponding schedule by the first quarter of 2015.
- Hickory Creek Watershed Planning Group – The Village is an active participant in this watershed group. The Group is developing its total maximum daily load or TMDL strategy to coincide with the Watershed Plan. The Village will maintain various sampling sites as well as participating in other Hickory Creek enhancement projects (that go beyond chloride issues). It is hopeful that the TMDL study results will identify the chloride loading in the watershed and options to reduce chlorides from non- point sources such as road de-icing. The Village would like to pursue options to reduce chlorides from other sources to offset the loading from the Wastewater treatment plant as a means of compliance.

As set forth above, the Chloride Issue is not unique to the West Plant. The other two plants that the Village operates will in all probability have Chloride Limits imposed when their NPDES Permits are renewed pursuant to the pending renewal applications. Accordingly, the evaluation of the options included compliance for all three plants, not just the West Plant. The only difference will be the potential inclusion of a compliance schedule at the time these two other permits are issued. This is why the Village requested the modification to the present NPDES Permit on December 13, 2013.

The situation facing the Village in terms of complying with a water quality based effluent limitation for Chlorides is one that the Illinois Environmental Protection Act and the Board Procedural Rules provide relief for through the use of either Adjusted Standard or Site Specific Relief. Frankly, the situation facing the Village is that IEPA and US EPA basically have a disagreement in terms of how and under what circumstances relief can be granted from the present General Use Water Quality Standards which US EPA will approve. At the time the Board adopted these one size fits all standards, the Illinois

Environmental Protection Act contained the mechanism for obtaining relief if needed for specific dischargers. In fact, the regulation authorizing the IEPA to impose water quality based effluent limitations, Subsection 304.105, recognizes this need as it contains the following: "When such a violation is caused by the cumulative effect of more than one source, several sources may be joined in an enforcement or variance proceeding, and measures for necessary effluent reductions will be determined on the basis of technical feasibility, economic reasonableness and fairness to all dischargers." When US EPA approved the Illinois General Use Water Standards it did so without any limitation and this approval should also have included approval of the accompanying means for obtaining site specific relief. As far as the US EPA's present position regarding approvability of such relief pursuant to Section 131 of the Clean Water Act stands, US EPA should either apply to the approvability of all of the Illinois water quality standards as part of the delegation of NPDES authority which includes the Illinois mechanisms for relief or US EPA should engage in rulemaking to disapprove the Illinois standards.

The meetings and conference calls with US EPA representatives concerning the Chloride issue that the Village has had to date shows that they can state with certainty what US EPA will not approve, but they frankly cannot provide any means by which relief can be granted from the General Use Water Quality Standards to provide any assistance to the Village. During the first meeting with representatives of US EPA, IEPA, City of Crystal Lake and the Village on August 2, 2013, US EPA seemed to provide some hope that an observed impact study and water effect ratio testing could possibly be used to determine the impact of the Village discharge of Chlorides to the receiving streams. US EPA was also very interested in how the Village might move their discharge to another stream, thus avoiding concerns over the impact of the Chloride discharge to the receiving stream. A memorandum prepared by Ms. Poole to Mr. Yount and Mr. Piscia dated August 2, 2013 sets forth the meeting notes taken by BWI. A copy of this memo is set forth as Attachment 16 to this letter. The subsequent conference call with US EPA, IEPA, Cities of Crystal Lake and Kewanee, and the Village of Frankfort on September 30, 2013 is described in Attachment 10. Basically US EPA did not hold out any ideas on how they could provide any means to actually support any relief if granted by Illinois to the Village. This is exactly the issue that has resulted from applying standards without consideration of the varying types of waterways found throughout Illinois and their respective uses.

The Chloride water quality limit has been developed to protect aquatic life and US EPA repeatedly has raised concerns over new studies that raise questions concerning the impact upon aquatic life. What US EPA has failed to consider is that for POTW dischargers who discharge to zero low flow streams, their constant discharge of highly treated effluent is why there exists a potential to support a level of aquatic life in the receiving stream instead of no potential to support aquatic life that would exist in a zero low flow stream. Thus, moving the discharge would eliminate the very aquatic life US EPA is concerned about protecting. US EPA apparently seems to want to avoid this issue

when considering the Section 131 factors when in fact they should recognize that there has in fact been a modification to the receiving stream which occurred prior to the passage of the Clean Water Act, namely the creation of a constant flow stream capable of supporting some level of aquatic life due to the discharge from the POTW. To this end, the Village previously had Huff and Huff, Inc. (“Huff”) perform a biological study of the receiving streams. A copy of the Huff report is set forth in Attachment 17 to this letter. This report shows that because of the constant flow from the West Plant the unnamed ditch (referred to as the Frankfort Ditch in the Huff report) shifts from not supporting aquatic life status upstream to providing limited aquatic life support status downstream from the discharge.

The Village is pleased that the IEPA has apparently now publicly embraced the concept of development of revisions to the one size fits all General Use Water Quality Standards. The IEPA Director has told the Illinois Association of Wastewater Agencies that it intends to proceed with proposing revisions to the Board encompassing the Tiered Aquatic Life Uses (“TALU”) approach standards developed for promulgation by the Illinois Association of Wastewater Agencies. US EPA has embraced this concept and in fact paid through the grant process to IEPA for the study as to what changes would be necessary at the Agency to implement TALU. While this is sorted out and IEPA actually proposes and the Board adopts TALU based approaches, the Village believes that the Board should be free to continue what is set forth in the Illinois Environmental Protection Act and accompanying regulations which is the recognition that when it adopted the General Use Water Quality Standards it did not consider all of the potential water bodies in Illinois and its determination that site specific relief is a necessary mechanism.

The Village requests that IEPA continue to defer enforcement action while it explores options and proceeds through the public planning process for the Village's wastewater facility plan. The Plan recommends closing the West Plant which would “achieve compliance” with respect to the Chloride Limit issue, but which would also eliminate flows in the receiving stream during periods of low flow. The Village will also continue to evaluate other means to obtain regulatory relief as the Chloride Limit issue will not be eliminated, but only delayed, if the West Plant's discharge is eliminated for all but stormwater treatment. Eliminating the West Plant constant discharge also will eliminate the ability of the unnamed tributary to support limited aquatic life use and will only add to the Chloride Issue facing the Regional Plant.

The Village welcomes any questions that you may have regarding this response and remains hopeful that IEPA will continue to determine that this matter is not one that it believes warrants referral for initiation of further enforcement.

Very truly yours,



Roy M. Harsch

cc: Derek Wold, P.E., BCEE, Baxter & Woodman, Inc.
Darrin Yount, Director of Utilities, Village of Frankfort

LIST OF ATTACHMENTS TO LETTER TO MR. CALLAWAY

1. Violation Notice W-2014-50030
2. Village Facility Planning Area and Sanitary Service Area Map
3. Village of Frankfort NPDES Permit Ill 0020532,
4. March 30, 2011 - Status Report
5. October 3, 2011 - Status Report
6. February 16, 2012 - Status Report
7. October 31, 2012 - Status Report
8. April 17, 2013 - Ms. Poole Memorandum
9. December 13, 2013 - Letter from Mr. Wold to Ms. Dragovich
10. November 20, 2013 - Ms. Poole Memorandum
11. April 16, 2014 - Village Response to Violation Notice W-2014-50030
12. May 1, 2014 - Letter
13. May 19, 2014 - Village Written Response to VN with Propose Compliance Commitment Agreement
14. June 18, 2014 IEPA Notice of Non-Issuance of Compliance Commitment Agreement
15. July 3, 2014 - Village Letter to IEPA regarding intent to submit information concerning alternative evaluation.
16. August 2, 2013 - Ms. Poole Memorandum
17. Draft Huff & Huff, Inc. Biological Assessment of Hickory Creek and Frankfort Tributary Near the Village of Frankfort, December 2013

EXHIBIT 15

CHLORIDE REMEDY SCENARIO 1: ION EXCHANGE

Note: Schedule below reflects direct impact of rate increase to cover annual loan payment and additional operating expenses. (all other revenues and expenses have been excluded)

HISTORICAL DATA:	\$	4,175,623	FY2023 Water Revenue
	\$	4.77	FY2023 Water Rate
		875,392,662	Calculated Consumption
		832,000,000	Consumption w/ 5% reduction factor (conservative approach)

RATE INCREASE REQUIRED TO COVER COST OF CHLORIDE REMEDY

LOAN	Loan Amount: \$ 73,504,800	Loan Term (yrs): 20	
	Interest Rate: 3.6%	Annual Payment: \$ 5,218,785	
OPERATIONS	Annual Cost: \$ 793,411	Village currently has an ordinance in place to annually increase water rate by CPI to cover annual increase in operational costs.	
	Annual Increase: CPI		
TOTAL RATE INCREASE			

Rate increase to cover debt service: <i>(annual loan payment/estimated consumption)</i>	\$ 6.27
Initial rate increase to cover operations: <i>(annual operations/estimated consumption)</i>	\$ 0.95
	\$ 7.23

RATE INCREASE DATA			
FY25 Rate Increases:	Water	Sewer	Total W/S
Rate as of 4/30/24	5.01	10.14	15.15
CPI Increase Effective 5/1/24	5.0%	0.25	0.76
	5.26	10.65	15.91
Capital Funding Increase	0.0%	-	-
	5.26		5.26
Rate Increase to cover New Loan	\$ 6.27	6.27	6.27
Rate Increase to cover New Operations	\$ 0.95	0.95	0.95
Total Rate Effective 5/1/24	12.49	10.65	23.13
FY25 Total Rate Increase \$	7.48	0.51	7.98
FY25 Total Rate Increase %	149%	5%	53%

IMPACT ON W/S BILL (EXCLUDES GARBAGE AND RECYCLING)			
Monthly consumption (gallons)	5,000	10,000	15,000
Monthly bill before FY25 increases	75.75	151.50	227.25
Monthly bill after FY25 increases	115.67	231.34	347.01
\$ Increase in monthly bill	39.92	79.84	119.76
% Increase in monthly bill	53%	53%	53%
ANNUAL INCREASE	479.02	958.04	1,437.07

ANNUAL LOAN PAYMENT INFORMATION:	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35	
RECEIPTS											
INCREASED REVENUE TO COVER LOAN PAYMENT	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	
DISBURSEMENTS											
ANNUAL PRINCIPAL PAYMENT	2,572,612	2,665,226	2,761,174	2,860,576	2,963,557	3,070,245	3,180,774	3,295,282	3,413,912	3,536,813	
ANNUAL INTEREST PAYMENT	2,646,173	2,553,559	2,457,611	2,358,208	2,255,228	2,148,540	2,038,011	1,923,503	1,804,873	1,681,972	
TOTAL DISBURSEMENTS	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	
ANNUAL NET	-	-	-	-	-	-	-	-	-	-	
	FY36	FY37	FY38	FY39	FY40	FY41	FY42	FY43	FY44	FY45	Total
	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	104,375,694
	3,664,138	3,796,047	3,932,705	4,074,282	4,220,956	4,372,911	4,530,335	4,693,427	4,862,391	5,037,437	73,504,800
	1,554,647	1,422,738	1,286,080	1,144,503	997,828	845,874	688,449	525,357	356,394	181,348	30,870,894
	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	5,218,785	104,375,694

EXHIBIT 16

COORDINATION AND CONSERVATION ARE KEY TO A SUSTAINABLE WILL COUNTY WATER SUPPLY

Key takeaways

A recent study by the Illinois State Water Survey (ISWS) reveals that sandstone aquifers in western Will, Kendall, and southern Kane counties will no longer support the long-term water needs of communities and private industries.

In Will County, groundwater levels in sandstone aquifers have dropped, with wells in this area at risk of running dry by 2029.

The City of Joliet's effort to secure Lake Michigan water offers an opportunity for nearby communities to work together on solving future water supply needs.

Continued coordination through the Southwest Water Planning Group (SWPG) is critical as communities explore options for an alternative water supply.

Implementing water conservation strategies now will reduce future costs associated with new infrastructure.

Executive Summary

Communities in western Will County are working together to identify alternative water sources that can lower their dependency on a sandstone aquifer in danger of running dry. Aquifers are underground layers of permeable material that produce water for residents and businesses alike. After decades of high use, aquifers throughout the county are being used to withdraw 30.5 million gallons of water a day when studies have shown the sustainable amount really should be 2.5 million gallons a day.

The issue raises major sustainability concerns over communities' drinking water supplies. Risk maps that depict future water demand projections also pinpoint widespread areas in the region where water wells may no longer operate decades from now. In response to this problem, Joliet is building out infrastructure to switch from groundwater to Lake Michigan water by 2030.

Communities in western Kendall County and southern Kane County also are grappling with having their groundwater supplies run dry over the long term.

As part of ongoing work to understand future water supply conditions in Will County, the Illinois State Water Survey provided communities with risk maps and projections of their individual groundwater supply challenges, using CMAP's socioeconomic and water demand forecasts to understand future water use. CMAP'S ON TO 2050 plan recommends [coordinating and conserving our shared water resources](#), and identifies a number of additional activities stakeholders can use to help in this effort. This policy brief delves into the questions facing Will County communities and their groundwater supplies, and sheds light on the solutions that can put our region on a more sustainable path going forward.

Why are Will County communities seeking new water sources?

In 2018, Joliet began an extensive effort to evaluate and plan for an alternative drinking water source after city officials learned they had a dozen years until their current source, a deep sandstone aquifer, would no longer provide enough water for the community. In January 2020, the Joliet City Council voted to pursue using Lake Michigan water with the goal of a complete transition by 2030, either by purchasing water through the City of Chicago or withdrawing water directly from the lake in Hammond, Indiana.

Meanwhile, the underlying limitations of the sandstone aquifers in the area could leave other communities and private industries that depend on them without a reliable water source. New sandstone wells are being planned and constructed due to water quality concerns in the shallower aquifers. Excessive use of road salt and other pollutants is lowering water quality and driving communities to the deeper aquifers. In response, a group of 12 communities including Joliet, private industries, and Will County jointly funded the Illinois State Water Survey (ISWS) to improve the scientific understanding of the area's groundwater sources. Calling itself the Southwest Water Planning Group (SWPG), the communities sought answers to critical questions about how much water could be sustainably withdrawn from the aquifers, and under what conditions a community's wells would no longer provide enough drinking water.

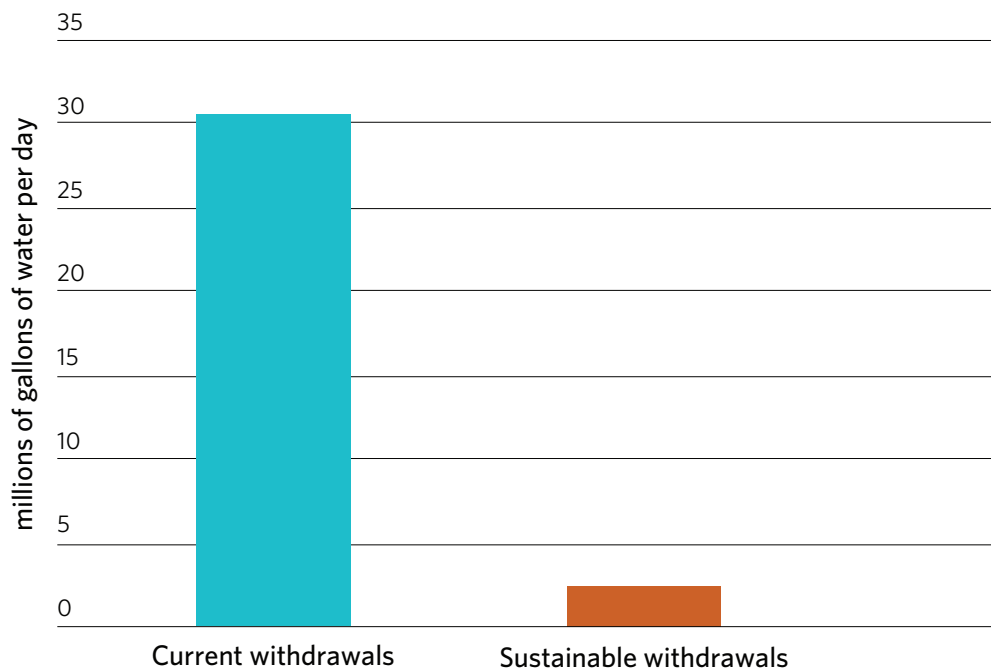
Even as work continues on an alternative, Joliet recognizes that updated information about the sandstone aquifer is critical to managing its current water supply source over the next 10 years. As surrounding communities weigh whether to join a new water system with Joliet, villages need to make sure they understand the sustainability concerns of their current source.

Study reveals use of sandstone aquifer is not sustainable

Armed with more detailed monthly water data from participating communities, the results of an [ISWS study released in May](#) revealed the extent of overuse of the aquifers, raising sustainability concerns among SWPG participants. Based on ISWS estimates, communities and private industries in the area have exceeded the sustainable yield — the amount of water that could be withdrawn from the aquifers without leading to further decline. While the sustainable yield is around 2.5 million gallons of water a day, communities and industries are pumping approximately 30.5 million gallons of water a day from the aquifers. This overuse has been happening for decades, resulting in a “cone of depression” where the water stored in the aquifer has been depleted and has caused water levels to drop. Sandstone wells in this area will begin to run dry, pump sand, or encounter other issues that reduce their ability to produce water.

Comparison between current withdrawals and sustainable withdrawals from aquifers in Will County

Source: Illinois State Water Survey, 2020.



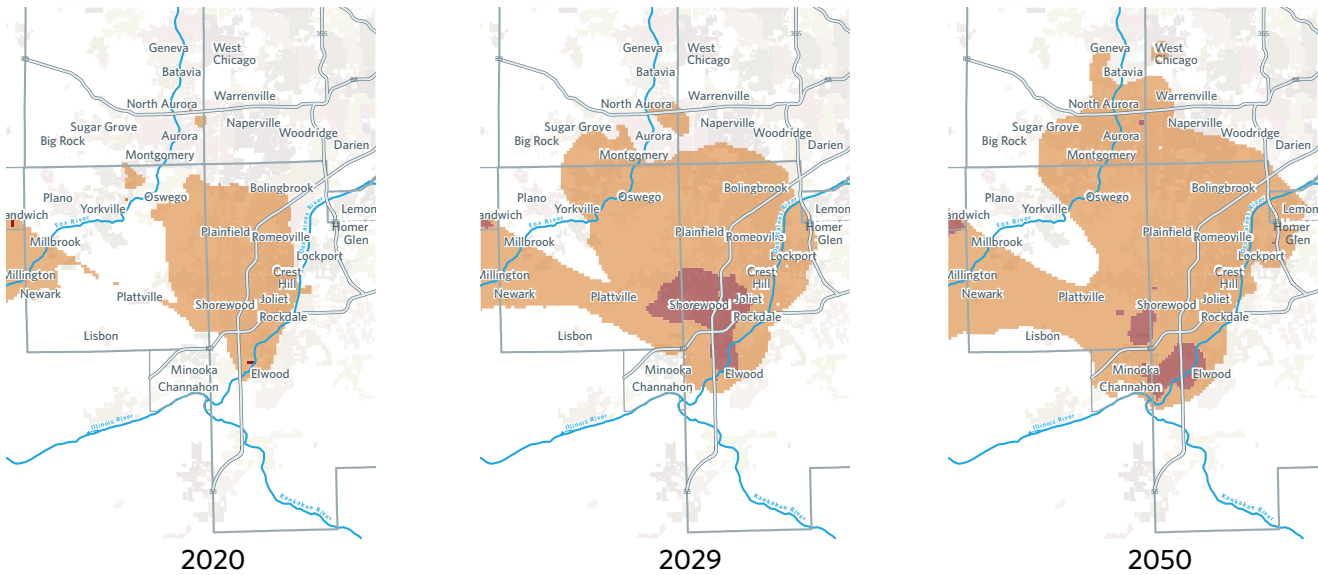
“Switching water sources will be necessary for all communities relying on the sandstone aquifer in this area, but the timing will vary by community,” explained Daniel Abrams, a lead groundwater expert for ISWS. To understand future conditions, the ISWS uses projections of the location and amount of water needed to meet future population and employment growth. The SWPG communities helped provide and refine those estimates, and identified the location of new planned wells. ISWS also used demand forecasts derived for several communities from the Joliet alternative water study and [CMAP’s water demand forecast](#), which shows larger regional context. Local well drillers also gave advice about how wells and corresponding equipment perform in different conditions.

The study results are displayed as risk maps for future years that highlight areas where underground water levels have dropped to a point where wells may not produce water. To answer the central question of when each community could run out of water, the study assumed most of the communities will continue to use the sandstone aquifer with the exception of Joliet, Oswego, Montgomery, and Yorkville. Officials in those communities already have decided to secure an alternative water source. The resulting maps show that problems will escalate in the Joliet area until 2030, when Joliet is slated to switch to Lake Michigan water. In 2035, Oswego, Montgomery, and Yorkville in Kendall County are assumed to switch off groundwater to a source that still needs to be determined. Even with these milestones, the risk of other communities in the area running out of water remains significant.

Each community has received a report that estimates when the wells could be inoperable or when water levels in their specific wells will drop to a point where performance is likely to decline. “We are entering uncharted territory,” Abrams said, noting how estimating the performance of wells under these unprecedented conditions is difficult. In the meantime, participating communities and industries need to send ISWS monthly water level data to keep the groundwater model up to date and help inform decision-making as they work to find an alternative water source.

Risk associated with declining water levels in the sandstone aquifer in the CMAP region

- Risk of declining well performance
- Severe risk of well operability



Source: Illinois State Water Survey, 2020.

How did we get here?

In situations like the one in western Will, Kendall, and southern Kane counties, the collective withdrawal of groundwater over decades has depleted the overall resource. The issue, however, extends well beyond the area and can't be attributed to a particular well or community. In Illinois, groundwater is governed by the rule of reasonable use, meaning one can withdraw water to meet everyday needs. The review of new wells primarily is focused on water quality and does not consider the long-term effect on supply. For much of Illinois' history, this approach has worked because groundwater supplies have been clean and plentiful. Historically, our scientific understanding of the aquifers hasn't provided enough information to make decisions about sustainable withdrawals.

ISWS' work to develop and advance the regional groundwater flow model has dramatically increased the technical understanding of the sandstone aquifers. While the work has the potential to inform sustainable management of groundwater sources, a structure for making those types of decisions does not yet exist. For example, under current law, another public or private well could be permitted in this area today, and leave a nearby community with less time to secure another source.

Coordination and conservation provides a path forward

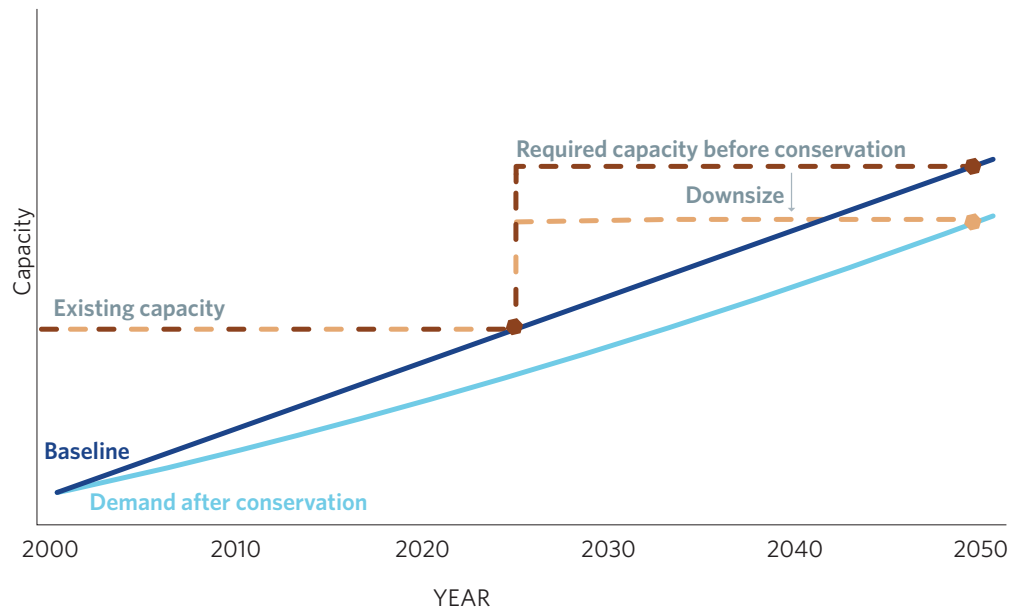
As Joliet proceeds with procuring Lake Michigan water, nearby communities will need to evaluate their own systems over the next 12 months and decide whether to work with Joliet and others on a regional solution, or forge their own path to secure an alternative supply. Each municipality's decision will affect the size and corresponding costs of a shared water system, making continued conversations with nearby communities a necessity.

As partners with ISWS, each community in the Southwest Water Planning Group has additional information to power their decisions in the year ahead. However, questions remain, and the SWPG will explore those as well. Together, communities will be learning about potential governance structures for shared water systems, management requirements associated with access to Lake Michigan water, and water conservation practices to reduce costs — all of which will help them make a decision on their future water supply.

Communities also can expand water conservation efforts and encourage residents to adopt more environmentally sustainable practices at home while switching to a new water source. A transition to a new source has cost implications, making an emphasis on water conservation all the more important. Using less water can reduce the infrastructure size needed to support a new water source. Many communities in the area are anticipated to grow in the future and will need to design their new water systems to meet projected demand. The diagram below illustrates how an effective water conservation program can reduce the size of capital facility construction and subsequently lower cost increases for the water utility and its customers.

Costs associated with a new water source could be reduced through water conservation

Source: American Water Works Association, 2006. Water Conservation Programs - A Planning Manual. AWWA Manual M52, First Edition, page 75.



Communities also can encourage water conservation by promoting the use of water-efficient plumbing fixtures and appliances, update water rate structures to incentivize conservation, and reduce outdoor water use. Through its [Rethink Joliet Water](#) campaign, the City of Joliet is conducting outreach on water conservation and offering rebate programs for water-efficient fixtures. Reducing water lost through leaky pipes, which results in lost revenue to communities, is a required conservation measure for communities that use Lake Michigan water. In addition, careful land use planning can play a role in promoting conservation, as the design and location of new development can reduce water use.

Understanding both the available supply of water and current and future demand is critical to making informed land use, transportation, and infrastructure investment decisions. To help implement water resource goals, land use planners and water utility managers will need to work together and align local efforts with current and future water supply constraints.

The work of the SWPG exemplifies the regional coordination that is needed to tackle this complex issue. Together, communities must explore and implement strategies to ensure a long-term water supply for residents and businesses.

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Visit the online version at:
<https://cmap.is/2BTKXV5>

EXHIBIT 17

EXHIBIT 17 - Flow Augmentation Well Calculations
Regional WWTP NPDES Permit IL0072192
Village of Frankfort, IL

Permit Effective 05/01/2021
 Permit Expires 04/23/2026
 Chloride Limit "Season" Effective Apr-Nov

Effluent Chloride Results

500 mg/L LIMIT			YEARLY			INDIVIDUAL FLOW SAMPLES		mg/L EFFLUENT CHLORIDE TARGET (NPDES PERMIT 500 DAILY MAX (April - Nov))	
Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
2019			78	10	13%				
6/7/2019	400	N							
6/8/2019	260	N							
6/9/2019	280	N							
6/12/2019	430	N							
6/13/2019	450	N							
6/14/2019	410	N							
6/19/2019	420	N							
6/21/2019	230	N							
6/22/2019	290	N							
6/26/2019	400	N							
6/27/2019	370	N							
6/28/2019	300	N				Jun 2019	4.945 MGD	(0.495) MGD	0 gpm
7/2/2019	410	N							
7/3/2019	350	N							
7/5/2019	280	N							
7/10/2019	460	N							
7/11/2019	460	N							
7/12/2019	480	N							
7/17/2019	430	N							
7/18/2019	430	N							
7/19/2019	320	N							
7/24/2019	370	N							
7/25/2019	450	N							
7/26/2019	440	N							
7/31/2019	440	N				Jul 2019	4.343 MGD	(0.174) MGD	0 gpm

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
8/1/2019	390	N							
8/2/2019	420	N							
8/7/2019	540	Y							
8/8/2019	540	Y							
8/9/2019	550	Y							
8/14/2019	510	Y							
8/15/2019	530	Y							
8/16/2019	440	N							
8/21/2019	300	N							
8/22/2019	370	N							
8/23/2019	340	N							
8/28/2019	420	N							
8/29/2019	530	Y							
8/30/2019	440	N				Aug 2019	3.802 MGD	0.380 MGD	264 gpm
9/4/2019	550	Y							
9/5/2019	510	Y							
9/6/2019	510	Y							
9/11/2019	490	N							
9/12/2019	510	Y							
9/13/2019	480	N							
9/18/2019	430	N							
9/19/2019	460	N							
9/20/2019	480	N							
9/25/2019	360	N							
9/26/2019	400	N							
9/27/2019	410	N				Sep 2019	4.758 MGD	0.476 MGD	330 gpm

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm)	[(xxx) MEANS NO FLOW NEEDED]
10/4/2019	190	N							
10/5/2019	260	N							
10/6/2019	260	N							
10/9/2019	380	N							
10/10/2019	400	N							
10/11/2019	410	N							
10/16/2019	380	N							
10/17/2019	370	N							
10/18/2019	390	N							
10/23/2019	470	N							
10/24/2019	470	N							
10/25/2019	450	N							
10/30/2019	180	N							
10/31/2019	250	N				Oct 2019	6.159 MGD	(0.370) MGD	0 gpm
11/1/2019	130	N							
11/6/2019	320	N							
11/7/2019	320	N							
11/8/2019	300	N							
11/13/2019	380	N							
11/14/2019	410	N							
11/15/2019	400	N							
11/20/2019	410	N							
11/21/2019	400	N							
11/22/2019	370	N							
11/25/2019	310	N							
11/26/2019	370	N							
11/27/2019	360	N				Nov 2019	4.983 MGD	(0.897) MGD	0 gpm
2020			102	33	32%				
4/1/2020	370	N							
4/2/2020	390	N							
4/3/2020	420	N							
4/8/2020	290	N							
4/9/2020	350	N							
4/10/2020	390	N							
4/15/2020	400	N							

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP Effluent Flow Rate	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
4/16/2020	410	N							
4/17/2020	430	N							
4/22/2020	420	N							
4/23/2020	460	N							
4/24/2020	460	N				Apr 2020	5.421 MGD	(0.434) MGD	0 gpm
5/5/2020	340	N							
5/6/2020	330	N							
5/7/2020	390	N							
5/13/2020	450	N							
4/14/2020	480	N							
5/15/2020	470	N							
5/20/2020	200	N							
5/21/2020	220	N							
5/22/2020	260	N							
5/27/2020	350	N							
5/28/2020	380	N							
5/29/2020	360	N				May 2020	7.272 MGD	(0.291) MGD	0 gpm

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
6/3/2020	440	N							
6/4/2020	450	N							
6/5/2020	440	N							
6/10/2020	540	Y							
6/11/2020	440	N							
6/12/2020	390	N							
6/17/2020	550	Y							
6/18/2020	500	N							
6/19/2020	530	Y							
6/24/2020	230	N							
6/25/2020	280	N							
6/26/2020	310	N							
6/30/2020	370	N				Jun 2020	4.735 MGD	0.474 MGD	329 gpm
7/1/2020	330	N							
7/2/2020	290	N							
7/8/2020	500	N							
7/9/2020	530	Y							
7/10/2020	460	N							
7/15/2020	490	N							
7/16/2020	480	N							
7/17/2020	350	N							
7/22/2020	330	N							
7/23/2020	340	N							
7/24/2020	330	N							
7/29/2020	470	N							
7/30/2020	440	N							
7/31/2020	500	N				Jul 2020	4.54 MGD	0.272 MGD	189 gpm

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm)	[(xxx) MEANS NO FLOW NEEDED]
8/5/2020	420	N							
8/6/2020	440	N							
8/7/2020	490	N							
8/12/2020	400	N							
8/13/2020	420	N							
8/14/2020	440	N							
8/19/2020	520	Y							
8/20/2020	490	N							
8/21/2020	490	N							
8/26/2020	590	Y							
8/27/2020	570	Y							
8/28/2020	550	Y				Aug 2020	3.22 MGD	0.580 MGD	403 gpm
9/2/2020	610	Y							
9/3/2020	550	Y							
9/4/2020	530	Y							
9/9/2020	420	N							
9/10/2020	330	N							
9/11/2020	330	N							
9/16/2020	500	N							
9/17/2020	520	Y							
9/18/2020	530	Y							
9/23/2020	540	Y							
9/24/2020	590	Y							
9/25/2020	380	N							
9/30/2020	570	Y				Sep 2020	3.427 MGD	0.754 MGD	524 gpm

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Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
10/1/2020	580	Y							
10/2/2020	560	Y							
10/7/2020	620	Y							
10/8/2020	620	Y							
10/9/2020	620	Y							
10/13/2020	590	Y							
10/14/2020	570	Y							
10/15/2020	560	Y							
10/21/2020	390	N							
10/22/2020	480	N							
10/23/2020	360	N							
10/28/2020	340	N							
10/29/2020	620	Y							
10/30/2020	630	Y				Oct 2020	3.09 MGD	0.803 MGD	558 gpm
11/4/2020	560	Y							
11/5/2020	550	Y							
11/6/2020	550	Y							
11/11/2020	730	Y							
11/12/2020	650	Y							
11/13/2020	390	N							
11/18/2020	340	N							
11/19/2020	320	N							
11/20/2020	520	Y							
11/23/2020	580	Y							
11/24/2020	400	N							
11/25/2020	400	N				Nov 2020	3.365 MGD	1.548 MGD	1075 gpm
2021			61	31	51%				
4/1/2021	520	Y							
4/2/2021	520	Y							
4/6/2021	570	Y							
4/7/2021	560	Y							
4/8/2021	540	Y							
4/14/2021	560	Y							
4/15/2021	510	Y							
4/16/2021	600	Y							

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Effluent Chloride Results

500 mg/L		LIMIT	YEARLY			INDIVIDUAL FLOW SAMPLES		mg/L EFFLUENT CHLORIDE TARGET (NPDES PERMIT 500 DAILY MAX (April - Nov))	
Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP Effluent Flow Rate	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
4/21/2021	630	Y							
4/22/2021	560	Y							
4/23/2021	620	Y							
4/28/2021	610	Y							
4/29/2021	600	Y							
4/30/2021	580	Y				Apr 2021	3.29 MGD	0.855 MGD	594 gpm
5/5/2021	560	Y							
5/6/2021	570	Y							
5/7/2021	570	Y							
5/11/2021	280	N							
5/12/2021	370	N							
5/13/2021	450	N							
5/19/2021	1500	Y							
<i>Believed to be an outlier result, but is worst case</i>									
5/20/2021	480	N							
5/21/2021	490	N							
5/26/2021	510	Y							
5/27/2021	500	N							
5/28/2021	500	N				May 2021	4.195 MGD	8.390 MGD	5826 gpm

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500 mg/L		LIMIT	YEARLY			INDIVIDUAL FLOW SAMPLES		mg/L EFFLUENT CHLORIDE TARGET (NPDES PERMIT 500 DAILY MAX (April - Nov))	
Date	Result (mg/l)	Exceed Daily Max? (Y/N)	TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm)	[(xxx) MEANS NO FLOW NEEDED]
6/2/2021	500	N							
6/3/2021	480	N							
6/4/2021	490	N							
6/9/2021	520	Y							
6/10/2021	510	Y							
6/11/2021	510	Y							
6/16/2021	520	Y							
6/17/2021	550	Y							
6/18/2021	560	Y							
6/25/2021	480	N				Jun 2021	5.503 MGD	0.660 MGD	459 gpm
7/2/2021	250	N							
7/6/2021	380	N							
7/9/2021	390	N							
7/14/2021	440	N							
7/23/2021	580	Y							
7/30/2021	340	N				Jul 2021	4.34 MGD	0.694 MGD	482 gpm
8/2/2021	470	N							
8/6/2021	490	N							
8/13/2021	370	N							
8/20/2021	450	N							
8/27/2021	330	N				Aug 2021	3.52 MGD	(0.070) MGD	0 gpm
9/2/2021	470	N							
9/10/2021	540	Y							
9/17/2021	580	Y							
9/24/2021	460	N				Sep 2021	3.008 MGD	0.481 MGD	334 gpm
10/1/2021	530	Y							
10/7/2021	540	Y							
10/15/2021	310	N							
10/22/2021	440	N							
10/29/2021	250	N				Oct 2021	5.271 MGD	0.422 MGD	293 gpm
11/2/2021	280	N							
11/5/2021	380	N							
11/12/2021	450	N							
11/19/2021	470	N							
11/24/2021	570	Y				Nov 2021	3.51 MGD	0.491 MGD	341 gpm

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Date	Result (mg/l)		TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm)	[(xxx) MEANS NO FLOW NEEDED]
2022			34	11	32%				
4/1/2022	480	N							
4/8/2022	510	Y							
4/15/2022	500	N							
4/22/2022	480	N							
4/29/2022	520	Y				Apr 2022	6.27 MGD	0.251 MGD	174 gpm
5/4/2022	4.2	N							
5/12/2022	350	N							
5/20/2022	380	N				May 2022	5.782 MGD	(1.388) MGD	0 gpm
6/3/2022	440	N							
6/10/2022	320	N							
6/16/2022	460	N							
6/24/2022	550	Y				Jun 2022	3.735 MGD	0.374 MGD	259 gpm
7/1/2022	480	N							
7/8/2022	420	N							
7/15/2022	530	Y							
7/22/2022	510	Y							
7/29/2022	370	N				Jul 2022	3.897 MGD	0.234 MGD	162 gpm
8/5/2022	410	N							
8/11/2022	300	N							
8/19/2022	480	N							
8/25/2022	420	N				Aug 2022	3.85 MGD	(0.154) MGD	0 gpm
9/2/2022	400	N							
9/8/2022	450	N							
9/16/2022	360	N							
9/23/2022	420	N							
9/30/2022	550	Y				Sep 2022	3.173 MGD	0.317 MGD	220 gpm
10/7/2022	540	Y							
10/14/2022	420	N							
10/21/2022	550	Y							
10/28/2022	320	N				Oct 2022	3.145 MGD	0.315 MGD	218 gpm
11/3/2022	490	N							
11/10/2022	540	Y							
11/17/2022	590	Y							
11/23/2022	530	Y				Nov 2022	3.028 MGD	0.545 MGD	379 gpm

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500 mg/L LIMIT		Exceed Daily Max? (Y/N)	YEARLY			INDIVIDUAL FLOW SAMPLES		mg/L EFFLUENT CHLORIDE TARGET (NPDES PERMIT 500 DAILY MAX (April - Nov))	
Date	Result (mg/l)		TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm)	[(xxx) MEANS NO FLOW NEEDED]
2023			39	3	8%				
4/7/2023	270	N							
4/14/2023	270	N							
4/20/2023	390	N							
4/28/2023	470	N				Apr 2023	4.806 MGD	(0.288) MGD	0 gpm
5/4/2023	410	N							
5/12/2023	420	N							
5/18/2023	430	N							
5/26/2023	460	N				May 2023	3.91 MGD	(0.313) MGD	0 gpm
6/2/2023	420	N							
6/9/2023	500	N							
6/16/2023	460	N							
6/22/2023	520	Y							
6/30/2023	510	Y				Jun 2023	3.29 MGD	0.132 MGD	91 gpm
7/7/2023	270	N							
7/13/2023	150	N							
7/21/2023	370	N							
7/28/2023	460	N				Jul 2023	4.98 MGD	(0.398) MGD	0 gpm
8/4/2023	480	N							
8/10/2023	410	N							
8/18/2023	330	N							
8/25/2023	470	N				Aug 2023	3.857 MGD	(0.154) MGD	0 gpm
9/1/2023	480	N							
9/8/2023	250	N							
9/15/2023	320	N							
9/22/2023	310	N				Sep 2023	4.614 MGD	(0.185) MGD	0 gpm
9/29/2023	360	N							
10/5/2023	450	N							
10/13/2023	240	N							
10/19/2023	320	N							
10/27/2023	330	N				Oct 2023	4.799 MGD	(0.480) MGD	0 gpm

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Date	500 mg/L Result (mg/l)	LIMIT Exceed Daily Max? (Y/N)	YEARLY			INDIVIDUAL FLOW SAMPLES		mg/L EFFLUENT CHLORIDE TARGET (NPDES PERMIT 500 DAILY MAX (April - Nov))	
			TOTAL SAMPLES PER SEASON	EXCEED PER SEASON	PERCENT EXCEED PER SEASON	DATE	Monthly Average WWTP EFFLUENT FLOW RATE	REQUIRED WELL CAPACITY (gpm) [(xxx) MEANS NO FLOW NEEDED]	
11/2/2023	350	N							
11/8/2023	430	N							
11/17/2023	520	Y							
11/22/2023	270	N							
11/30/2023	410	N				Nov 2023	3.682 MGD	0.147 MGD	102 gpm
12/8/2023	340	N							
12/14/2023	430	N							
12/22/2023	420	N							
12/29/2023	310	N				DEC 2023	5.49 MGD	(0.769) MGD	0 gpm

Total Sample Count Before and After Effective Limit 314
 Number of total results exceeding 500 mg/L ** 88
 % Samples EXCEEDED 500 mg/L 28%

** All data was considered for this count and calculation regardless of effective date of the 500 mg/L Daily Maximum limit

PUMPING REQUIRED BASED UPON AVAILABLE DATA			
Max well rate	8.39	MGD	5826 gpm
Average well rate	0.85	MGD	592 gpm
Total days per season			243 days
Avg pumping days per season			18 7%

EXTRAPOLATED PUMPING DAYS REQUIRED BASED ON SAMPLE		
ESTIMATED PUMP DAYS PER SEASON	68	28%
ESTIMATED TOTAL GAL PUMPED PER SEASON	59,000,000	gal
AVERAGE DAILY GAL PUMPED PER SEASON	243,000	gpd
AVG PWS WELL DAILY GAL PUMPED PER DAY		
[1,000 gpm X 6 HRS X 60 MIN/HR]	360,000	gal
PERCENT DILUTION WELL VS. PWS WELL	68%	