

Per 26.404 of the Village Code, within sixty days after the close of the calendar year the SW&FPOC shall make an annual report to the Village Council. The following is for your consideration at the February 12 meeting.

Stormwater & Flood Plain Oversight Committee 2014 Annual Report

Below is a brief summary of the activities of the Oversight Committee in 2014

- Held five public meetings, attended by six residents.
- Heard one public hearing regarding a request for variance in an LPDA:
 - 4924 Linscott
- Encouraged Stormwater Utility Credit & Incentive manual changes to further promote BMPs by allowing credits for hydrologically contiguous parcels under common ownership that have a stormwater management basin to be eligible for on-going credits.
- Invited area builders and developers to meeting to discuss impact of PCBMP requirements on redeveloped lots.
- Recommended to Council adopting changes to the Stormwater and Flood Plain Ordinance to reduce the threshold of when PCBMPs required.
- Attached are the 2014 Staff Reports presented to the Committee.

Staff Report
February 13, 2014

A. Appointing Chair Pro Tem in Advance

I spoke with Legal - there is nothing in our code that requires the committee to do this in advance. You can nominate somebody at an individual meeting if necessary.

B. Credit & Incentive Manual Administrative Revision

(Handout revised Manual) Section 2.1 – Eligibility for Credit was modified to remove: “The credit will only be given to the parcel containing the stormwater facility. A party who owns and maintains a stormwater facility is eligible to receive a credit if the impervious area drains to an engineered detention basin located within the same parcel.”

And replaced with: “The credit may be given for each hydrologically contiguous parcel under common ownership which is served by the same stormwater facility.”

We realized the former wording was not promoting BMPs – often the SW basin was on a parcel by itself, so the parcels draining to it could not apply for credit. Good Samaritan Hosp. recently converted their turf w/conc. Ditch basin at the NE corner of Highland and 39th.

C. Chloride Reduction Promotion

(Handout brochures) I sent out a letter along with some informational brochures to ten area commercial snowplowing contractors along with two brochures about effective salt usage and reducing impacts to our waterways provided by DRSCW.

D. Rain Garden Workshop

(Handout flyer) On Feb. 25th the Village and the Conservation Foundation are teaming up again to provide information to residents about the benefits of installing a rain garden on their property.

E. League of Women Voters

Have asked me to participate in panel discussion they will be holding on Feb. 19th @ 7 pm at the Lincoln Center. Regional & Local SW issues to be discussed.

Other – update on Council discussion of SWU Incentives for churches

Staff Report
March 13, 2014

A. Costs of Permeable Pavement Systems

At last months meeting, it was asked if staff could provide average costs for the installation of the Grove Street permeable pavement system that was installed in 2012.

On Grove Street, our cost to remove the existing pavement and pavement base, install some underdrains, and install permeable base course and permeable pavers was around \$60/SY, or about \$7/SF. Because of the street width, the contractor was able to mechanically place the pavers on a pallet basis, rather than brick by brick. This type of work is very sensitive to economy of scale, and I wouldn't be surprised if it went up to \$100/SY for smaller applications.

Another professional I contacted, gave me the price of \$30-\$50/ Square FOOT for system, including design, installation, project management! This represents 4-7 times the cost of a commercial project!

I think this shows that we do not have enough data to say with any certainty what an average permeable paver parking lot or driveway cost would or could be. I will continue to collect data as it becomes available.

B. Larson Optical – 4958 Forest

It recently came to my attention that in 2008, the SW&FPOC recommended two variances at this address. One was for the FPE at 1' instead of 3', and the other to allow 18" of ponding water in the parking lot instead of 12". The Committee recommended that signs be posted in the parking lot indicating the potential depth of ponding.

When staff wrote the ordinance granting the stormwater variances, they did not include the recommended signage; thus, no mention was made of the signs in the actual ordinance, the property was developed, and a CO was granted, and no signs are currently on the site regarding the depth of ponding.

However, because the ordinance 26-62.4 (current code reference 26.1303.6) requires clear posting of flood hazard in parking areas below the BFE, I can request signage to be posted. See handout – any ideas?

STAFF REPORT
JULY 10, 2014

From meeting minutes, no written report given to Committee:

Staff received feedback from IEMA that we no longer were allowed to include vacant lots in the HMGP grant request. Once the vacant lots were removed, the average total project cost exceeded the limit of \$276,000 per project. Staff resubmitted a revised HMGP request which includes four properties with homes. We are waiting to hear from IEMA before going forward with an agreement with FEMA and property appraisals.

Staff submitted a four page letter of comments to the IEPA on the ILR40 Draft Permit.

DuPage County issued a stormwater assessment questionnaire to municipalities, and we will be responding with the input of the Manager and other Departments.

The Northeast Illinois Invasive Plant Partnership (NIIPP) received a grant to survey and treat Japanese Knotweed. In April the Village hosted a meeting for residents and business owners and sent out letters to property owners along St. Joseph Creek between Carpenter and the west end of town. Those who wished to participate signed waivers and the treatments have begun. The Village owns two lots on Lee that will also be treated.

Staff reported that inquiries about the SWU fee have really slowed down. Still getting applications for rain garden and rain barrels incentives, and the Church Grant Program has been receiving inquiries from churches.

Staff Report
October 9, 2014

A. Church Grant Program

To date I have met with six churches regarding potential stormwater management projects that would be eligible for the Grant Program. Several have expressed interest and are working their way through their budgeting process, and I expect some to proceed in the upcoming year.

First Church of Christ Scientist, located in our Downtown Transition District at 1101 Curtiss, has made the formal grant application submittal for a nearly \$37,000 improvement to their property. Once the work is completed this fall, we will reimburse \$3,750 for the design and \$25,000 for construction, for a total of \$28,750.

They have proposed to remove all of their concrete walkways and front patio and replace them with a permeable pavement system which will allow stormwater to infiltrate into the ground rather than running off the property. Next year, if the Grant Program continues, they plan to replace their rear parking lot with permeable pavers and install a bioswale, and the following year to replace their driveway with permeable pavers.

All of these improvements will reduce their impervious area by approximately 5,300 SF, greatly reduce the amount of runoff, improve the streetscape aesthetics and reduce their SWU fee by 2 ERUs/month, a savings of over \$200/year.

B. 2015 Meeting Dates for Consideration

We typically have our meetings scheduled for the 2nd Thursday of the month at 7 PM. That would mean our 2015 meeting dates would be: January 8, February 12, March 12, April 9, May 14, June 11, July 9, August 13, September 10, October 8, November 12, & December 10th.

Once dates are decided, I can send out 2015 Meeting Dates to all.

C. Japanese Knotweed

In cooperation with the Northeastern Illinois Invasive Plant Partnership (NIIPP), the Village was a collaborator with NIIPP, DCFPD, and the DGPD to treat Japanese Knotweed and Japanese Stiltgrass along the St. Joseph Creek between Carpenter and I-355. NIIPP received a grant to survey and treat; 21 property owners participated. Presented a case study of connecting community and control at the NIIPP annual meeting yesterday at Morton Arboretum.

D. Urban Flooding Awareness Act

State Legislature passed SB2966; directs IDNR to prepare urban flooding study by June 30, 2015. Report to have recommendations relating to prevalence and costs of urban flooding, impact of

county SW programs, climate change, evaluation of policies using the 100-yr storm as a standard, strategies for minimizing damage, flood insurance practices & effectiveness, etc.

E. SWU Fees

At Tuesday night's Council meeting Commissioner Barnett requested the Council consider restructuring the SWU fee to exempt property tax exempt parcels. It is my understanding that the discussion will continue at the budget workshop this Saturday, 8 AM, at Fire Station #2. I've handed out Item INF 00-05712 from the Council packet which gives background and budget impact.

F. CRS Recertification

Staff submitted the required form and backup information in order to maintain our current CRS Classification of 6. Flood insurance policy holders in VODG receive a 20% discount if their structure is in a flood plain, or 10% if outside, because of our rating.

G. GIS Drainage Log

Staff is working on a GIS Drainage Log to track drainage-related investigations. It will help identify areas of concern for planning CIP projects, as well as keep track of resident contacts on drainage issues.

H. HMGP

The Hazard Mitigation Grant Program is moving much slower than we were led to believe by FEMA & IEMA! We have a verbal that the remaining four homes in the program qualify, and are waiting for IEMA to prepare their required agreement before we move forward with appraisals.

Staff Report
November 13, 2014

A. Tax Exempt Properties will be removed from SWU

The Council voted on Tuesday to remove TEP's from the SWU effective January 1st. All TEP's contributed about \$218k/yr. with the churches being about \$37k of that. Our 2015 SW budget is funded, but to account for the shortfall, in 2016 it is expected that approximately \$160k in planned maintenance will not occur, and capital spending will be reduced.

B. Church Grant Program

1st Church of Christ Scientist on Curtiss was previously approved to receive almost \$25k for the installation of permeable pavers; no other grants will be awarded due to item A.

C. CRS Recertification

Staff received notice that our 2015 CRS Recertification was approved. Flood insurance policy holders in VODG receive a 20% discount if their structure is in a flood plain because of our rating.

Staff participated in the CRS Users Group meeting held in Chicago last month. The new CRS Specialist was introduced and went over some changes required in upcoming cycle verifications.

D. HMGP

We are still waiting for IEMA to prepare their required agreement before we move forward with appraisals.

E. DuPage County Program Assessment Survey Results Meeting

Staff attended the presentation by the County regarding their recent stormwater services survey. Program components such as watershed management, water quality, flood plain management, regulatory services, and flood operations were divided into three levels of service each, which represented potential enhancements or greater focus on their services.

Next steps including brining the survey results to the DCSW Management Planning Committee on Nov. 18th, and then open for a 30 day public comment period. Then bring a final version including the public comments to the February 3rd, 2015 DCSW committee to pass on to the County Board. It appears now that at the Board level they will discuss funding options. Municipalities have been asked to provide feedback on the draft document.

