



**Public Works Committee Agenda**

**Monday, August, 12, 2019 at 5:00 pm**

**Whitefish Bay Village Hall**

**1. Call to Order**

**Approved 2. Review and Approve minutes of July 15, 2019 Public Works Committee Meeting**

**No action 3. Good Hope Road Landfill Update**

**No action 4. 2019 Project Update**

**5. Next scheduled meeting – Monday, September 23, 2016 at 5:00pm**

**6. Adjournment**

Posted: 8/9/19

Note: It is possible that members and/or possibly a quorum of members of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; action will not be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in the notice.

Cc: Village Board; Village Manager, Department Heads; Village Attorney



## **Public Works Committee Minutes**

**Monday, July 15, 2019, at 4:30 pm**

**Whitefish Bay Village Board Room**

### **I. Call to Order and Roll Call:**

Present: Jay Miller, Trustee Serebin, Trustee Buckley (Arrived 5:28), Tom Kindschi  
Also Present: John Edlebeck – Public Works Director, Paul Boening – Village Manager, Tim Blakeslee – Assistant Village Manager, Kevin Kaegi – Public Works Superintendent

Absent: Trustee Davis

### **II. Review and Approve minutes of April 15, 2019 Public Works Committee Meeting:**

Trustee Serebin moved to approve the minutes of the April 15, 2019, Public Works Committee Meeting. Tom Kindschi seconded. Motion passed 3-0.

### **III. Discuss and Possible Recommendations on current Village Emerald Ash Borer Management Plan**

Public Works Director John Edlebeck introduced Public Works Superintendent Kevin Kaegi. Kaegi summarized the current EAB plan. Jay Miller asked if the treatment works well. Kaegi said they haven't seen one failure on the treated trees. Trustee Serebin made a comment on continuing to be proactive about the EAB and ash trees. Tom Kindschi asked if the plan was to continue to phase out Ash trees over time. Kaegi stated the short term goal is 20%, but eventually the goal would be to go lower. Trustee Serebin asked which trees are treated and why. Edlebeck mentioned there is a sweet spot for the size and health of an ash tree to receive the treatment, those outside this sweet spot are being removed and replaced. Trustee Serebin mentioned that it is a good idea to provide informational material to private residences about EAB. There was a discussion about Ash trees in the Park.

Nathan Schuettpelz and John Gall with Wachtel Tree Science went through a power point presentation about the EAB management plan. Trustee Serebin asked if Dutch Elm Disease is still an issue. John Gall said it's an issue, but the Elm trees planted are hybrids and resistant to Dutch Elm Disease. Tom Kindschi mentioned the importance of trees for storm water management.

Terry Quantance - 725 E Lake View – Complimented the variety of trees in the Village.

#### **IV. Discuss and Possible Recommendations on draft Village Public Storm Sewer Sump Pump Collection Main Installation Policy**

Public Works Director John Edlebeck summarized the draft policy that had been distributed to the Committee members. He explained that the policy was intended to memorialize a process that mirrored how the Village had previously worked with residents to address excessive sump pump discharges. Director Edlebeck was requesting Committee feedback in advance of the planned mill and overlay of the 4600 block of North Wildwood Avenue. Discussion followed regarding past practice, code enforcement, new construction and availability of storm sewers throughout the Village. Director Edlebeck summarized the key points of the draft policy and explained that the goal was to focus on areas where sump pump discharges were causing unsafe conditions on sidewalks and streets.

Cathy Davies – 4640 N Wildwood – Questioned whether backup would be a possibility after hooking up to storm sewer. Director Edlebeck stated that backup would be unlikely with a functioning overflow valve.

Ryan Berg – 4626 N Wildwood – Thanked the Committee for reviewing the sump pump matter and stated that he would like the Village to consider alternatives if the proposed plan becomes unfeasible.

Michael Graves – 4618 N Wildwood – Thanked John Edlebeck and Spencer Charczuk for their assistance and asked if Wildwood could possibly be reconstructed instead of milled and overlayed. Trustee Serebin and Director Edlebeck provided clarification regarding the differences in those types of projects. Mr. Graves concluded his comments by noting that sump pump failure had led to previous issues with flooding.

Walter Spaude – 4643 N Wildwood – Referenced a notation on a historical plat map that reflected a swamp in the Wildwood area.

Bryan Smith – 4611 N Wildwood – Thanked the Committee for engaging the neighborhood. Asked if there would be any advantage to connecting to the system while the street was under construction. Director Edlebeck replied that there would be a reduction in the homeowner's costs for repaving.

Discussion followed. Trustee Serebin moved, seconded by Tom Kindschi to recommend that the Village Board adopt the policy with the language changes as discussed during the meeting. Motion Carried, 4-0.

#### **V. 2019 Projects Update:**

DPW Director John Edlebeck provided the Committee with a status update on current/pending projects.

#### **VI. Next scheduled meeting: – Monday, August 12<sup>th</sup>.**

**VII. Adjournment** Trustee Serebin moved to adjourn at 6:13 pm. Tom Kindschi seconded. Motion passed 4-0.

August 7, 2019

To: Chairman Miller and Members of the Public Works Committee  
From: John Edlebeck, Director of Public Works  
Re: **Good Hope Road Landfill Site Overview and Proposed Multi-Year Budget Summary**

The Village purchased the 13 acre Good Hope Road landfill site located at 5201 West Good Hope Road in 1960 for the disposal of Village generated refuse incinerator ash as well as roadway and demolition debris. After 12 years of use on the northern half of the site, the Village ceased any further disposal. In the early 1980's the site was graded over and closed meeting the DNR closure requirements. Over the years illegal dumping of volatile organics compounds (VOC) took place on the southern half of the site by others.

In 1986 the Village contracted with a consultant to perform environmental due diligence and site assessment. In 1995 the Village then contracted with Sigma Group for environmental services to identify site contamination limits and levels and to work on behalf of the Village with the DNR to comply with current DNR environmental regulations.

Since 1995 Sigma Group has performed soil, soil vapor and groundwater sampling along with groundwater modeling to prepare remediation action plans meeting DNR approval. The DNR to date has approved plans that utilize the natural bioremediation of the VOC contaminants compared to requiring active groundwater removal and treatment of those contaminants. This policy has been cost effective for the Village in allowing for the natural biological remediation of the contaminated soil and groundwater.

Attached is the proposed multi-year budget being recommended by Sigma Group to comply with the current DNR approved remediation plan for Good Hope Road Landfill. For FY 2021-2026 the cost amounts are estimated and will be affected by the actual groundwater and soil vapor test results and trends at that time, as well as the scope of work in future DNR approved remediation action plans.

<u>Fiscal Year</u>	<u>Estimated Budget</u>	<u>Description</u>
FY 2019	\$39,650	Fencing of soils in limited area, groundwater plume report
FY 2020	\$34,977	Groundwater sampling and analysis, DNR coordination and action plan
FY 2021-2023	\$275,000 to \$425,000	Potential more active treatment of groundwater
FY 2024-2026	\$ 75,000 to \$ 85,000	Post treatment groundwater monitoring and site closure

No action is needed at this time regarding this topic as this Public Works Committee meeting agenda item is informational only.

**TABLE 1**  
**ESTIMATED ENVIRONMENTAL BUDGET FOR GOOD HOPE ROAD LANDFILL**  
**WEST GOOD HOPE ROAD, MILWAUKEE**  
**PROJECT NO. 14411**  
**AUGUST 2019**

**ESTIMATED BUDGET FOR REMAINING 2019 WORK ACTIVITIES**

<b>1. Fence Enclosure to address Direct Contact Soil Impact Areas (Assumed Installation: Nov - Dec 2019)</b>	<b>= \$30,150</b>
Fence Installation Contractor (revised contractor's bid = \$25,000) <sup>(1)</sup>	\$25,000
Construction Oversight	\$2,500
Project Coordination, Survey Staking & Construction Mgt.	\$2,650
<b>2. Groundwater Plume Status Evaluation Report</b>	<b>= \$9,500</b>
Per WDNR request prepare a groundwater plume evaluation update report incorporating the recently collected data from newly installed groundwater monitoring wells and piezometers to demonstrate plume stability. Activities includes meeting with WDNR and client to present the results.	
<b>Total Estimated Budget for 2019 =</b>	<b>\$39,650</b>

**ESTIMATED BUDGET FOR 2020**

<b>1. Annual Groundwater Monitoring &amp; Reporting (34 wells)</b>	<b>= \$16,477</b>
Field Monitoring Activities, Equip. & Supplies, and Purge Water Disposal)	\$6,527
Data Evaluation, Report Prep & Project Mgt	\$6,170
Laboratory Analytical Services	\$3,780
<b>2. Yearly fence inspection and repair (@ \$500 per year)</b>	<b>= \$500</b>
<b>3. Meetings and communications with client &amp; WDNR to develop remediation strategy</b>	<b>= \$3,500</b>
<b>4. Remedial Action Plan</b>	<b>= \$14,500</b>
Identify and evaluate appropriate in situ source treatment technologies, select applicable and cost-effective method, perform bench-scale pilot test to develop design parameters, and present the remedial action plan to the client & WDNR.	
<b>Total Estimated Budget for 2020 =</b>	<b>\$39,977</b>

**ESTIMATED BUDGET COST RANGE FOR SOURCE TREATMENT, GROUNDWATER MONITORING & CASE CLOSURE**

<b>1. Active Treatment of Source Area Soil &amp; Groundwater: 2021 through 2023</b>	<b>\$275,000 to \$425,000</b>
The cost range represents current estimated mass of contaminant present within the source area, estimated degree of treatment needed to reduce contaminant mass by a reasonable percentage and duration of bioremediation.	
<b>2. Post Treatment Groundwater Monitoring &amp; Case Closure Activities: 2024 through 2026</b>	<b>\$75,000 to \$85,000</b>
Following source area treatment a minimum of four rounds of groundwater monitoring will be required by the WDNR to move the site to case closure.	
<b>Total Estimated Budget Cost Range for Remediation &amp; Closure =</b>	<b>\$350,000 to \$510,000</b>

**NOTE:** (1) Revised bid received from A-1 Fence Co. for Fall 2019 installation. Cost includes 10% Sigma mark-up.

(2) Estimated budget cost range for source remediation is based on Sigma's experience with similar project in Wisconsin. The actual remediation cost would depend upon WDNR cleanup requirements, degree of difficulty in accessing the treatment areas, market conditions, material costs and availability of qualified contractors.

**Village of Whitefish Bay**  
**Public Works Department**  
**Projects**  
**August 7, 2019 - Update**

**Day Avenue Watermain Project**

Newly relocated watermain and five new residential water services have been installed with turf and paving restoration completed. Final course of asphalt on the driveway to be installed this fall following any settlement of the excavation.

**Public Works Facility Solar Panel Array Installation Project**

Work will begin shortly on the equipment installation. Project to proceed with completion in October due to the delay in solar panel delivery. An extension of the completion date for the Focus on Energy grant has been granted.

**Lake Drive Resurfacing Project**

Work completed. Project went very smoothly. Thanks to all who were involved and put a lot of effort into the project!

**Bay Ridge Traffic Signal DOT HSIP Safety Project**

Traffic signals to be fully operational on Friday, August 9.

**Sidewalk Improvement Project**

Work began July 8 with completion shortly.

**Fire Station Remodeling Project**

Demolition work has begun on the first phase of the project. A fall completion date is expected.

**Santa Monica / Silver Spring Traffic Signal, Silver Spring Lighting and 14 intersection DOT HSIP Safety Project**

Work will begin the week of August 12 with completion in late fall. A project "start of construction" public information meeting is scheduled for 4:00pm on Monday, August 12 at Village Hall.

**Alley Reconstruction Project**

Construction is expected to begin shortly on this project.

**Upcoming Projects**

- PPII Lateral Lining Project - work began the week of August 5 on 38 private laterals
- Utility Rehabilitation Project – work to begin in August
- Silver Spring Park (Fall)
- Mill/Overlay Project -presently out to bid for an expected August 26 contract award
- Utility Lining Project ( Fall / Winter)