

Operations Update

Plant Operations – Plant operations and treatment were good during the month of August. During the rain event on 8/27,28 the plant had seen a significant increase in flow coming into the plant. The plant had peaked at about 27 MGD, there was no blending event during this rainfall.

Bio-Solids Spill – On 8/30 the plant had a release of approximately 26,250 gallons of bio-solids. There was approximately 25,000 gallons recovered. Geenen Septic helped with a vacuum truck to clean up the spill.

HOV's Basin Engineer along with the state spill hotline were notified.

Phosphorus Analyzer (Biostyr Effluent) – The analyzer has been in operation for some time now and is working well. The plant is still in the process of getting it connected to the SCADA.

Sulfuric Acid for Bio-Filter – The plant will go back to using sulfuric acid on 9/17.

Bio-Solids Hauling – United Liquid Waste started hauling bio-solids on 7/26 and just finished on 9/10. There was 3.2 million gallons of bio-solids hauled this year.

Maintenance Update

Water Champ Guide Rail System – The repair of the guide rail system is tentatively scheduled for the last week of September, weather permitting.

Laser Flow Meter Modem – The plant has received the software to go global with the laser flow meters. Once the software is installed, a link to connect will be available.

Bio-Solids Storage Tank 1 – After storage tank #1 was cleaned out, an inspection of the tank showed the support brackets on the fill and decant pipes were found to be very corroded away and in need of replacing. Rather than going with mild steel we went with stainless. Foxland Harvester replaced these brackets for \$5,828.00

Kevin Skogman
Director of Operations & Maintenance

Compliance Maintenance Annual Report

Heart Of The Valley Metro Sewerage District

Last Updated: Reporting For:

6/9/2021

2020

DNR Response to Resolution or Owner's Statement

Name of Governing
Body or Owner:

Heart of the Valley Metropolitan Sewerage District

Date of Resolution or
Action Taken:

2021-06-08

Resolution Number:

193

Date of Submittal:

6/9/2021

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO SPECIFIC CMAR SECTIONS (Optional for grade A or B. Required for grade C, D, or F):

Influent Flow and Loadings: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: BOD: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: TSS: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: Ammonia: Grade = A

Permittee Response:

DNR Response:

Effluent Quality: Phosphorus: Grade = A

Permittee Response:

DNR Response:

The Department is very pleased with HOV's selection of the effluent disk filters' treatment technology.

Biosolids Quality and Management: Grade = A

Permittee Response:

DNR Response:

Staffing: Grade = A

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Heart Of The Valley Metro Sewerage District

Last Updated: Reporting For:

6/9/2021

2020

Permittee Response:

DNR Response:

Operator Certification: Grade = A

Permittee Response:

DNR Response:

Financial Management: Grade = A

Permittee Response:

DNR Response:

Collection Systems: Grade = A

(Regardless of grade, response required for Collection Systems if SSOs were reported)

Permittee Response:

DNR Response:

ACTIONS SET FORTH BY THE GOVERNING BODY OR OWNER RELATING TO THE OVERALL GRADE POINT AVERAGE AND ANY GENERAL COMMENTS

(Optional for G.P.A. greater than or equal to 3.00, required for G.P.A. less than 3.00)

G.P.A. = 4

Permittee Response:

DNR G.P.A. Response:

DNR CMAR Overall Response:

Thank you for submitting the 2020 CMAR on time. The Department appreciates your effort to protect human health and the environment by ensuring that your wastewater collection and treatment systems are properly operated and maintained. Excellent Job!

DNR Reviewer: Oumarou, Barti

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Address: 625 E County Road Y, Suite 700, Oshkosh, WI 54901

Date: 8/31/2021