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MS4 Progress Report

version 1.17

(Submission #: HP5-K3SF-TVXXE, version 1)

Details

Submission ID HP5-K3SF-TVXXE

Status Submitting

Form Input

Section 1. General Facility Information, Nested MS4 and Outfalls/Points of Discharge

Municipality/Site Name

Kent County Drain Commissioner and Administration

Nested MS4s:

1. Are you carrying out the terms and conditions of the permit for each nested MS4 listed in your permit? Select **❖NOT APPLICABLE❖** if you do not nest any regulated MS4s as part of your permit coverage.

Not Applicable - Nested MS4s not included in permit

2. Are you currently a Phase I or Phase II permittee?

Phase II

3. Did you add or remove any nested MS4s during the reporting period that have not been approved? If yes, submit a request for approval to add or remove a nested MS4 in accordance with Part I.A.1.b. of the permit.

NO

New Outfalls and/or Points of Discharge

4. Did you identify, construct, or install any new outfalls or points of discharge that have not been authorized? If yes, submit a request to authorize the discharge of storm water from the new outfall or point of discharge in accordance with Part I.A.2. of the permit as an **Unscheduled Permit Required Report** in MiWaters.

NO

Section 2. Enforcement response Plan (ERP)

Upload referenced documentation identified below and other information relevant to the implementation of your ERP.

NONE PROVIDED

Comment

NONE PROVIDED

1. Were there any changes made to the approved ERP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each ERP measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Provide the reference (paragraph & page) to the document submitted above describing progress made toward implementing the ERP to compel compliance using enforcement actions (e.g. summarize findings from tracking method).

ERP can be found in the KCDC SWMP: <https://www.lgrow.org/ms4kcdc>

4. Identify the total number of enforcement actions taken during the reporting period (Type 0 if none).

0

5. Will you continue to implement the approved ERP during the next reporting cycle? If you responded "yes with changes" or "no", submit the SWMP modification request information as required in Part I.A.4. of the permit as an **Unscheduled Permit Required Report in MiWaters.**

YES

Section 3. Public Participation/Involvement Program (PPP)

Upload referenced documentation identified below and other information relevant to the PPP

NONE PROVIDED

Comment

NONE PROVIDED

1. Were there any changes made to the approved PPP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PPP measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Provide the reference to the document submitted above describing progress made toward implementing the PPP and meeting each measurable goal, including a summary of results.

See SWMP <https://www.lgrow.org/ms4kcdc> page 5. Commitments met.

4. Will you continue to implement the approved PPP during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an **Unscheduled Permit Required Report in MiWaters.**

YES

Section 4. Public Education Program (PEP)

Upload referenced documentation identified below and other information relevant to the PEP.

[Detention Basin Flyer.pdf - 03/02/2021 02:38 PM](#)

[Yard Basins Final Flyer.pdf - 03/02/2021 02:38 PM](#)

[2020 LGROW Annual Report.pdf - 03/02/2021 02:59 PM](#)

[2019 Annual Report FINAL.pdf - 03/16/2021 02:40 PM](#)

[2019-2020 PEP Progress Report.pdf - 03/18/2021 02:20 PM](#)

Comment

Fliers were created to inform residents of these BMPs. LGROW Annual Reports and PEP Progress Report report on specific PEP commitments.

1. Were there any changes made to the approved PEP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PEP measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. PEP TOPICS

Provide the reference to the document submitted above describing progress made toward implementing the PEP and meeting each measurable goal, including a summary of results. If the PEP topic is not a part of the approved PEP, include **◆Not Applicable◆** in the comment box.

PEP Topic 1: Promote public responsibility and stewardship in the applicant's watershed.

See attachments.

PEP Topic 2: Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.

See attachments.

PEP Topic 3: Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.

See attachments.

PEP Topic 4: Promote preferred cleaning materials and procedures for car, pavement, and power washing.

See attachments.

PEP Topic 5: Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.

See attachments.

PEP Topic 6: Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.

See attachments.

PEP Topic 7: Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous wastes, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.

See attachments.

PEP Topic 8: Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.

See attachments.

PEP Topic 9: Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.

See attachments.

PEP Topic 10: Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to storm water runoff.

See attachments.

Overall PEP

4. Provide the reference to the document submitted above summarizing the evaluation of overall effectiveness of the PEP.

See 2019-2020 PEP Progress Report.

5. Will you continue to implement the approved PEP during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 5. Illicit Discharge Elimination Program (IDEP)

Upload referenced documentation identified below and other information relevant to the IDEP.

[Appendix 2 Outfall Master List 2020.pdf - 03/02/2021 03:04 PM](#)

[LGROW Septic Repair Data 2019-2020.xlsx - 03/02/2021 03:16 PM](#)

[KCDC IDEP 2020.pdf - 03/02/2021 03:45 PM](#)

Comment

KCDC Outfalls and Discharge Points 2020- included here, this should be what was submitted with the final permit docs (fulfills Sec. 1.3 of this report).

1. Were there any changes made to the approved IDEP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each IDEP measurable goal and/or implement the ongoing activities consistent with the measurable goals?

YES

3. Identify the number of outfalls and points of discharge in your storm sewer system.

See attached. Will submit future changes per Part I.A.1.b. of the permit. Up to date maps are kept with GVMC's REGIS dept.

4. Was dry weather screening (i.e., outfall observation, field screening, and source investigation) performed in accordance with the approved IDEP during the reporting period?

Not scheduled during reporting period

5. How many illicit discharges were detected (Type 0 if none)?

2

5 a. Were all illicit discharges detected eliminated?

YES

5 b. Provide the reference to the document submitted above certifying that all illicit discharges that were not eliminated within 90 days of discovery have been eliminated or the plan for how the illicit discharge will be eliminated. If all illicit discharges were eliminated within 90 days, include Not Applicable in the comment box.

See attached doc.

6. How many of the illicit discharges led to an enforcement action? (Write 0 if none)

0

7. Was IDEP training provided in accordance with the approved program?

YES

8. Provide the reference to the document submitted above summarizing the evaluation and determination of overall effectiveness of the IDEP.

See attached doc.

9. Will you continue to implement the approved IDEP during the next reporting cycle. If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 6. Construction Storm Water Runoff Control Program

1. Were there any changes made to the approved program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Do you continue to rely on the Part 91 Agency identified in the application (other than yourself) to implement a Soil Erosion and Sedimentation Control Program?

Not Applicable Permittee is the Part 91 agency

4. Was the Part 91 agency, or appropriate staff if you are the Part 91 agency, notified when the soil or sediment was discharged to your MS4 from a construction activity in accordance with the approved procedure?

YES

5. Was the Michigan Department of Environment, Great Lakes, and Energy (EGLE) notified when soil, sediment, or other pollutants were discharged to your MS4 from a construction activity in accordance with the approved procedure?

YES

6. Was a Part 91 permit issued for all construction activity one acre or greater in total earth disturbance with the potential to discharge to your MS4?

YES

6a. Were all landowners or recorded easement holders of a property with construction activity one acre or greater in total earth disturbance advised of the State of Michigan Permit by Rule in accordance with the approved procedures?

YES

7. Will you continue to implement the approved program during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 7. Post-Construction Storm Water Runoff Program (i.e. Post-Construction Control or PCC Program)

Upload referenced documentation identified below and other information relevant to the PCC.

NONE PROVIDED

Comment

NONE PROVIDED

1. Were there any changes made to the approved PCC Program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PCC Program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Were the approved post-construction performance standards applied to all projects that disturb at least one or more acres, including projects less than one acre that are part of a larger common plan of development or sale, in accordance with the approved ordinance/regulatory mechanism?

YES

3a. Did you implement the approved procedure for reviewing the use of infiltration BMP's to meet the post-construction performance standards in areas of soil or groundwater contamination?

YES

3b. Were BMPs to address potential hot spots required in accordance with the approved ordinance/regulatory mechanism?

YES

3c. Were all site plans reviewed and approved to ensure compliance with the ordinance/regulatory mechanism/procedures?

YES

3d. Was a maintenance agreement or other legal mechanism entered with the owners or operators of each BMP to ensure long-term operation and maintenance in accordance with the approved ordinance/regulatory mechanism?

NO

If NO, describe any exceptions.

Per Drain Code under 425 & 433 agreements, for 2020 we have signed 8. These agreements are used instead of O&M agreements.

3e. Were you approved to implement an off-site mitigation or payment in lieu program?

YES

3f. Did you approve projects subject to your off-site mitigation or payment in lieu program during the reporting period?

NO

4. Provide the reference to the document submitted above describing the status and results of implementing the procedure for tracking compliance with entered maintenance agreements or other legal mechanisms.

425 and 433 agreements are on file at the KCDC office.

5. Will you continue to implement the approved PCC Program during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an **Unscheduled Permit Required Report in MiWaters.**

YES

Section 8.A. Pollution Prevention and Good Housekeeping Program (P2/GH) - Structural Controls, Standard Operating Procedures, Catch Basin Cleaning, and Street Sweeping

Upload referenced documentation identified below and other information relevant to the P2/GH Program.

[KCDC BMP Inspection and Documentation.pdf - 03/18/2021 02:57 PM](#)

Comment

This document provides information for Section 8.A. and 8.B. of the Progress Report.

1. Were there any changes made to the approved P2/GH Program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each P2/GH Program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Did you update your structural control inventory in accordance with the approved procedure (i.e. additions, deletions, no longer owned or operated)?

YES

4. For each facility with a Standard Operating Procedure (SOP) is the content up-to-date?

YES

4a. Are routine and comprehensive inspections being performed at each facility with an SOP in accordance with the approved schedule?

YES

5. Did you implement the identified BMPs at facilities with medium to low potential to discharge pollutants

YES

6. Were any new facilities added during the reporting period that were not reviewed and approved by EGLE? If yes, submit the assessment for approval in accordance with Part I.A.3.g.2. of the permit as an **Unscheduled Permit Required Report in MiWaters.**

YES (Submit the assessment)

7. Were the inspection, maintenance, and cleaning activities for the following structural controls implemented in accordance with the approved procedure?

Structural Control Type:	Inspection and Maintenance Activities Conducted in accordance with Approved Procedures?	If "NO," provide an explanation:
Detention Basins	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Oil/Water Separators	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Pump Stations	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Secondary Containment	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED

Structural Control Type:	Inspection and Maintenance Activities Conducted in accordance with Approved Procedures?	If "NO," provide an explanation:
Vegetated Swales	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Constructed Wetlands	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Infiltration Basins/Trenches	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Porous Pavement	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Rain Gardens	N/A: Do not own/operate	NONE PROVIDED
Underground Storage Vaults/Tanks	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED
Other Structural Controls (add rows as needed). Specify control type in explanation.	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? See supporting doc attached for this section.	NONE PROVIDED

8. Provide the reference to the document submitted above demonstrating implementation of the procedure for inspecting, cleaning, and maintaining catch basins to ensure proper performance.

See supporting doc, and the associated P2GH plan for the KCDC: <https://www.lgrow.org/ms4kcdc>

9. Provide the reference to the document submitted above demonstrating implementation of the approved procedure for sweeping streets, parking lots, and other impervious surfaces.

See supporting document with associated invoice.

Section 8.B. P2/GH - Operation and Maintenance Activities and Employee Training

Upload referenced documentation identified below and other information relevant to BMPs or employee training.

[Facility Inspection 12.11.2020.pdf - 01/13/2021 10:16 AM](#)

[7.22.2020 Inspection.pdf - 01/13/2021 10:16 AM](#)

[Training 2020.pdf - 03/02/2021 04:05 PM](#)

Comment

High Priority Facility Inspections for 2020 are both attached.

1. Are you implementing BMPs in accordance with your approved procedures to prevent or reduce pollutant runoff from the following operations and maintenance activities?

Activity:	BMPs Implemented?	Provide the reference to the document submitted above describing the BMPs implemented or an explanation of why BMPs were not implemented:
Road, Parking Lot, and Sidewalk Maintenance (e.g. pothole, sidewalk, and curb and gutter repair)	YES	See attached docs in Section 8.A. for records of porous pavement maintenance.
Bridge Maintenance	N/A	NONE PROVIDED
Right-of-Way Maintenance	N/A	NONE PROVIDED
Unpaved Road Maintenance	N/A	NONE PROVIDED
Cold Weather Operations (e.g. plowing, sanding, application of deicing agents, and snow pile disposal)	N/A	NONE PROVIDED

Activity:	BMPs Implemented?	Provide the reference to the document submitted above describing the BMPs implemented or an explanation of why BMPs were not implemented:
Maintenance of permittee-owned vehicles (e.g. police, fire, school bus, public works), including certifying that no vehicles are washed with a discharge to the regulated MS4.	YES	See attached 2020 inspection logs for the High Priority Facility - County Jail

2. Were all new permittee-owned and operated facilities or new structural stormwater controls for water quantity designed and implemented in accordance with the PCC performance standards and long-term operation and maintenance requirements?

YES

3. Was P2/GH training provided in accordance with the approved program?

YES

3a. If yes, provide the reference to the training records in the document submitted above or in Section 8a.

See attached

4. Is your pesticide applicator certified by the State of Michigan?

Not Applicable Pesticides were not applied or were applied using only ready-to-use products from the original container during the reporting period

5. Was contractor oversight provided to ensure contractors hired by the permittee comply with P2/GH BMPs when performing O&M activities?

YES

6. Will you continue to implement the approved P2/GH Program during the next reporting cycle? If you responded YES with changes or NO, submit the SWMP modification request information as required by Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 9. Total Maximum Daily Load (TMDL) Implementation Plan

Upload referenced documentation identified below and other information relevant to the TMDL Implementation Plan.

NONE PROVIDED

Comment

NONE PROVIDED

1. Is there a TMDL applicable to the discharge from your MS4 identified in your permit?

YES

2. List the TMDLs in your permit.

E. coli: Grand River, Plaster Creek, Buck Creek Biota: Sand Creek, York Creek, Plaster Creek, Strawberry Creek, Unnamed Trib. to the Grand River

3. Were the prioritized BMPs implemented as per the approved TMDL Implementation Plan?

YES

4. Provide the reference to the summary of any monitoring results including outfall monitoring, in-stream monitoring, or modeling in the document submitted above.

Monitoring has not yet occurred.

5. Provide the reference to the document submitted above with the assessment of progress made toward achieving the TMDL pollutant load reduction requirements.

The TMDL plan was updated in 2020-2021 and can be found here: <https://www.lgrow.org/ms4kcdc>

6. Will you continue to implement the approved TMDL Implementation Plan during the next reporting cycle? If you responded "Yes with changes" or "no", submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Additional Information

Comments (As needed)

NONE PROVIDED

Additional Documents (As needed)

NONE PROVIDED

Comment

NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
3/18/2021 2:57 PM	KCDC BMP Inspection and Documentation.pdf	Attachment	Cara Decker
3/18/2021 2:20 PM	2019-2020 PEP Progress Report.pdf	Attachment	Cara Decker
3/16/2021 2:40 PM	2019 Annual Report FINAL.pdf	Attachment	Cara Decker
3/2/2021 4:05 PM	Training 2020.pdf	Attachment	Cara Decker
3/2/2021 3:45 PM	KCDC IDEP 2020.pdf	Attachment	Cara Decker
3/2/2021 3:16 PM	LGROW Septic Repair Data 2019-2020.xlsx	Attachment	Cara Decker
3/2/2021 3:04 PM	Appendix 2 Outfall Master List 2020.pdf	Attachment	Cara Decker
3/2/2021 2:59 PM	2020 LGROW Annual Report.pdf	Attachment	Cara Decker
3/2/2021 2:38 PM	Detention Basin Flyer.pdf	Attachment	Cara Decker
3/2/2021 2:38 PM	Yard Basins Final Flyer.pdf	Attachment	Cara Decker
1/13/2021 10:16 AM	Facility Inspection 12.11.2020.pdf	Attachment	Cara Decker
1/13/2021 10:16 AM	7.22.2020 Inspection.pdf	Attachment	Cara Decker

Status History

	User	Processing Status
1/7/2021 10:10:32 AM	Cara Decker	Draft
3/18/2021 3:12:49 PM	Cara Decker	Signing
3/18/2021 3:12:50 PM	Cara Decker	Submitting