



January 30, 2020

Nancy Gramlich
Willamette Basin Coordinator
DEQ Salem Office, Western Region
4026 Fairview Industrial Drive SE
Salem, OR 97302

**Subject: City of Gervais
Molalla-Pudding Basin TMDL Plan
2019 Annual Report**

This letter report is provided in accordance with the City of Gervais' TMDL Implementation Plan to report on the City's TMDL related activities for 2019. Management strategies and the related activities are identified below:

1. Management Strategies for Reduction of All Pollutants of Concern

<u>Strategy Description</u>	<u>Description of 2019 Activities and Results Monitoring</u>
Require stormwater detention and water quality measures with development	The only new development constructed within the City during the 2019 reporting period was three houses. These were on existing platted lots and detention and water quality measures were not required. A large residential development (about 60 lots) located in the northwest corner of town is in the planning and design phase. Storm water detention and water quality facilities are being required with this project.
City Code requirement to protect riparian and wetland areas (17.96.030)	No riparian or wetland related design or construction projects occurred in 2019.
Identification of projects that support implementation efforts	Improvement projects implemented in 2019 that support the Plan goals are tree plantings along Sam Brown Creek. See attached photos.
Stormwater Master Plan with water quality components	The Stormwater Master Plan was completed in July 2019 and adopted by the City on August 1, 2019. The Plan includes a section on the goals of the TMDL Plan as well as best management practices and other requirements contained in the Plan. The Master Plan is viewable at: http://www.gervaisoregon.org

1. Management Strategies for Reduction of All Pollutants of Concern (Cont.)

<u>Management Strategy</u>	<u>Description of 2019 Activities and Results Monitoring</u>
Confirm funding strategy is in place for progressive plan implementation	Included in the Stormwater Plan was a rate increase to \$6.50/month per EDU to fund system maintenance and capital projects. This rate increase was adopted by the City on November 27, 2019 and went into effect on January 1, 2020. See Council meeting minutes and the stormwater budget at the City’s website: http://www.gervaisoregon.org
Solicit public input on TMDL implementation plan	The Stormwater Master Plan was presented to Council at the July 18, 2019 meeting. Discussion of the TMDL Implementation Plan was included in that presentation. The current TMDL Plan is viewable at the City’s website.
Ongoing assessment of management strategies	The 5-Year review and update was completed in 2016. The next update is planned for 2021.
City Council meeting overview and acknowledgement of all TMDL plans and annual reports.	The Stormwater Master Plan was presented to Council at the July 18, 2019 meeting. The TMDL Implementation Plan was included in that presentation. Meeting minutes are viewable at City website.

2. Management Strategies for Reduction of Mercury, Bacteria, Iron and Pesticides

Require erosion control for construction sites	There were no construction sites requiring erosion control measures in 2019.
Actively maintain Sam Brown Creek	Maintenance activities were performed as documented in the attached Maintenance and Construction Log. Six new trees were planted in 2018 and one new trees was planted in 2019. See attached Photos.
Receive and respond to complaints regarding water quality problems (erosion; illicit discharge)	No complaints were received in 2019.

2. Management Strategies for Reduction of Mercury, Bacteria, Iron and Pesticides (Cont.)

Management Strategy	Description of 2019 Activities and Results Monitoring
Hold annual public cleanup day; continue ongoing cleanup by Public Works	Public cleanup day was held on April 27, 2019 as posted on the City's website. The flyer for the event is attached.
Maintenance of stormwater collection and treatment systems	With the exception of catch basin cleaning standard maintenance was performed this year. The City will be renting out vacuum equipment for catch basin cleaning for 2020.
Maintain maps of City stormwater and sanitary sewer systems	The stormwater system map was updated with the Stormwater Master Plan and the sanitary sewer system map was updated in 2019 with the Wastewater Facilities Plan . Current maps are viewable on the City website at: https://www.gervaisoregon.org .
Identify and eliminate wastewater treatment plant illicit discharges	No illicit discharges occurred in 2019 as documented on the City's DMR reports to DEQ.
Minimize inflow and infiltration of stormwater to wastewater system	The City continues to monitor for inflow and infiltration to the wastewater system. See attached annual Infiltration/Inflow Report to DEQ dated 1/29/2020.
Regular sweeping of city streets	Street sweeping was performed on the second Tuesday of every month through October 2020. The City is currently soliciting bids for 2020 street sweeping.

3. Management Strategies for Reduction of Temperature

Enhance riparian vegetation along Sam Brown Creek	Six new trees were planted along Sam Brown Creek in 2018 and one new tree in 2019. See attached photo documentation of Sam Brown Creek.
Maintain status as a Tree City USA	The City has maintained its status as a Tree City USA.

4. Management Strategies for Reduction of Bacteria

Enforce ban on pets in City parks (Ord. 13.001)	This continues to be the City's policy, with signage at all parks indicating this rule.
---	---



Should you have any questions or comments regarding this report, please give either Susie Marston or myself a call.

Sincerely,
Tetra Tech, Inc.

A handwritten signature in blue ink that reads 'Steven L. Kraushaar'.

Steven L. Kraushaar, P.E.

c: Susie Marston, City of Gervais
John Robinson, City of Gervais
Gordon Munro, Tetra Tech Inc.

Attachments to City of Gervais 2019 Annual TMDL Report

1. Stormwater Maintenance and Construction Log
2. Photo Documentation of Sam Brown Creek - 2016
3. City Cleanup Day Flyer
4. Copy of Annual sanitary sewer Infiltration / Inflow report to DEQ

City of Gervais	
Stormwater Maintenance and Construction Log	
French Prairie Detention Pond	
Date	Description of Work
July and October, 2016	Mowed and used string trimmer to remove excessively tall weeds and grass.
August 8,9 2017	Mowed and trimmed.
June 2019	Removal of Blackberries along Hwy 99
Sam Brown Creek	
Date	Description of Work
5/23/2015	Removed a tree from the ditch at Hwy 99, cut down a removed dead tree and removed several loads of trash including a couch.
5/3/16 - 5/5/16	Mowed grass and removed trash
7/11/16 - 7/14/16	Removed trash, Christmas trees, yard waste, blackberries and several tires
Jul 11-13; Aug 3,4, 2017	Mowed, removed trash and blackberries
September 2019	General maintenance and debris removal
City Hall Bioswale	
Date	Description of Work
Monthly 2016	Weeding, trimming and clearing catch basins
Monthly April - Oct 2017	Weeding and trimming
New Projects	
Date	Description of Work
6/1/2016	Ivy Widening Project: Installation of 218 LF of 10" storm drainage in 2nd Street between Ivy and Hemlock Avenues
8/1/2016	Grove Avenue Drainage Project: Installation of 200 feet of 10" storm drain between 5th St and 6th Streets
Sept. - October 2017	Dollar General Store Detention Pond Built, landscaped and approved by City.
Sept. - October 2017	Storm Drain Work on Elm Ave. between 5th and 6th streets and on 3rd St. between Ivy and Grove; Installed 300 feet of 10" pipe and 3 catch basins and 1 manhole, cleaned 205 feet of pipe.
July - August 2018	6th Street Widening Project - Storm Drain Work along 6th St. Between Grove Ave and Fir Ave.; Installed 400 feet of 8" storm drain 4 catch basins
September 2019	Cleaning of Drainage swale through wastewater tree farm

Gervais Storm Drainage Facilities - January 2020 Photos



Sam Brown Creek at Taylor St. – Looking Downstream



Sam Brown Creek at Taylor St. – Looking Upstream



Sam Brown Creek at City Park – Looking East



Sam Brown Creek East of City Park - Looking East



Detention Pond East of Black Walnut Park



Detention Pond at Dollar General Store



Celebrating Arbor Day

CITY OF GERVAIS ANNUAL CLEAN-UP

Douglas Ave, and Fifth Street - Dumpsters

Saturday, APRIL 27, 2019

8:00 AM – 4:30 PM

**YARD DEBRIS, NON-TREATED LUMBER, METAL,
APPLIANCES, FURNITURE, ELECTRONIC TRANSFER ITEMS ACCEPTED**

TIRES – First 3 free- \$2.00 per tire thereafter

NO HOUSEHOLD GARBAGE, NO Toxic Waste

NO Batteries, Oil, etc.

Residents Living *Within* Gervais City Limits Only

VOLUNTEERS NEEDED AND APPRECIATED THROUGHOUT THE DAY

***If You'd like to volunteer please call 503-792-4900 or sign up at the front desk at City Hall, – Thank you
We need help at dumpster sites and street litter patrol volunteers.***

KEEPING GERVAIS FAMILY FRIENDLY, HEALTHY, AND LIVEABLE

Make it a family activity by picking up street litter in front of your home every Wednesday prior to garbage pick-up day.



January 29, 2020

Julie Ulibarri
DEQ Water Quality Compliance Specialist
165 E. 7th Avenue, Suite 100
Eugene, OR 97401-3049

**Re: City of Gervais
Summary of Infiltration/Inflow Related Activities for 2019**

Dear Ms. Ulibarri:

As required by the City's NPDES permit, this letter is provided as a summary of activities performed by the City related to the control of infiltration and inflow (I/I) into the sanitary sewer collection system.

The following activities were performed in 2019:

1. The City completed both their Wastewater Facilities Plan and Storm Drainage Master Plan updates. The Plans have been adopted by the City Council including recommended rate increases for both utilities. The Wastewater Plan provides for replacement of approximately 2,700 feet of older concrete pipe in the next 10 years as well as continued funding of annual inspections of portions of the sewer system to identify I/I sources. The current funding for the abatement program is \$15,000 per year.
2. Sanitary sewer system improvements consisted of a service line repair at 72 2nd Street. Stormwater system improvements consisted of a single catch basin repair.
3. The Public Works Department continued to monitor the collection system for obvious inflow sources and illicit connections.

The following I/I reduction related activities are planned to be performed in 2020:

1. Pipeline videoing and manhole inspection is planned for the next several months to identify I/I sources that warrant system repair work. Any repair work that's identified will be scheduled for this coming summer.
2. The City Public Works Department will continue to monitor the collection system for obvious infiltration or inflow.
3. Drainage improvements along 4th Street between Ivy Ave. and Grove Ave. will be constructed, improving the surface drainage in that area.



TETRA TECH

Please contact either me or Gordon Munro (503-598-2530) if there are any comments or questions.

Sincerely,
Tetra Tech, Inc.

Steven L. Kraushaar, P.E.

c: John Robinson, City of Gervais
Gordon Munro, Tetra Tech Inc.