



COLORADO

Department of Public Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

COR080000 Renewal Permittees Annual Report Form

Municipal Separate Storm Sewer Systems (MS4s) General Permits **Revised 10/2017**

One original copy (no faxes or e-mails) of the completed annual report form and any required attachments, must be submitted to the address in the footer, below

Part 1: Permit Identification General Permit Number: COR080000 Certification Number: COR08 <u>0012</u>	Part B: Reporting Period Jan 1 through Dec 31 (Check one. Report is due by March 10 of the following year.) <input type="checkbox"/> 2017 <input type="checkbox"/> 2018 <input type="checkbox"/> 2019 <input checked="" type="checkbox"/> 2020 <input type="checkbox"/> 2021
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Part 2: Permittee Information (If there are any changes, please submit a [Change of Contacts form](#))

Organization: Town of Castle Rock

Mailing Address: 175 Kellogg Ct.

City: Castle Rock State: CO Zip: 80109

Part 3: Site Contact Information (If there are any changes, please submit a [Change of Contacts form](#))

Facility Contact Name: J. David Van Dellen

Title: Stormwater Manager

Telephone No: 720-733-6029

Email Address: dvandellen@crgov.com

Part 4: Facility Information

Have any areas been added or removed from the permit area due to annexation or other legal means?
 YES NO

If YES, provide the web address for an online map, below, or check "attached" below and **attach an updated map** labeled as "Part 4" that identifies the jurisdictional boundaries.

Provide the map's web address or indicate if a map is attached (if applicable): Attached
http://crgov.com/DocumentCenter/View/287/Standard-Town-Map?bidId=

Part 5: Notice of Reliance on Third Party

Is the permittee relying on another entity to satisfy any of the permit obligations (if applicable) that has not been reported to the division in a previous report or permit application (including reports under previous permit terms). YES NO

If YES, **attach a short narrative** labeled as "Part 5" identifying the permit requirement and the entity relied on.



Part 7 - Program Implementation Report

(Part 6 of the report was only applicable to the 2016 report and has been removed)

7.A) Compliance Schedule = required Annual Report Notifications

For all compliance schedule actions completed by January 1 of the year the report is due (including those actions completed prior to the reporting period), identify the date of completion. Refer to Part I.H of the permit.

Only complete those rows for which the deadline was met during the reporting period.

This table reflects all compliance schedule items for the permit term, which includes permit conditions that do not need to be met during the current reporting period.

Permit Condition	Action	Deliverable	Deadline	Date of Completion/ Implementation
	County growth area maps (Part I.A.3.a.ii(B)) - Completed January 1, 2017 Refer to Part I.H of the permit, not a required element for reporting in the annual report.			
I.C.1, and PDD content requirements in Parts I.D and E	Complete PDD (contents must reflect terms and conditions that are in effect, i.e., following the associated compliance schedule deadline)	Notification in annual report Due March 10, 2019	Completed January 1, 2019	12/2018
I.E.2.a.ii,iii,v I.E.3.c.ii,iii I.E.4.c.ii,iii	Complete all applicable changes to the regulatory mechanism(s): Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.1.a.i	Illicit Discharges: Begin providing information targeting business(es) and the general public	Notification in annual report Due March 10, 2019	Begin implementation July 1, 2018	7/2018
I.E.1.a.ii	Education and Outreach Activities: Begin providing annual public education and outreach from Table 1.	Notification in annual report Due March 10, 2019	Begin implementation January 1, 2018	1/2018
I.E.1.a.iii(A)	Nutrients: Determine targeted sources of nutrients.	Notification and list of targeted sources in annual report Due March 10, 2018 Attach List to March 10, 2018 Annual Report following completion, labeled as "PART 7.A - Nutrient Targets"	Completed January 1, 2018	12/2017
I.E.1.a.iii(B)	Nutrients: Begin providing education and outreach to the targeted sources	Notification in annual report Due March 10, 2019	Begin implementation July 1, 2018	7/2018
I.E.2.a.iv(A) and (B)	Tracing an Illicit Discharge: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2018	Completed January 1, 2018	12/2017
I.E.2.a.vi	Removing an Illicit Discharge, Enforcement Response: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2018	Completed January 1, 2018	12/2017
I.E.2.a.viii	Priority Areas: Identify any new priority areas	Notification in annual report Due March 10, 2018	Completed January 1, 2018	12/2017
I.E.2.b.vi	Removing and Illicit Discharge: Ensure documentation is recorded.	Notification in annual report Due March 10, 2018	Completed January 1, 2018	12/2017
I.E.3.	Begin implementing the permittee's current construction sites program in the county growth areas.	Notification in annual report Due March 10, 2020	Completed January 1, 2019	N/A
I.E.3.c.i	Excluded Activities for County Growth Areas: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	N/A



7.A) CONTINUED: Compliance Schedule = required Annual Report Notifications				
Permit Condition	Action	Deliverable	Deadline	Date of Completion/Implementation
I.E.3.c.iv	Control Measure Requirements: Ensure control measure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.3.c.v(B) through (C)	Site Plans: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.3.c.vi(B) through (E)	Site Inspection: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.3.c.vii(B)	Enforcement Response: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.3.d.vi	Site Inspection: Ensure requirements are met; revise implementation and documentation if necessary, ensure documentation is recorded.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.4.	Begin implementing the permittee's current post- construction sites program in the county growth areas.	Notification in annual report Due March 10, 2020	Completed January 1, 2019	N/A
I.E.4.c.i	Excluded Sites: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.4.c.iv	Control Measure Requirements: Ensure new control measures meet one of the design standards	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.4.c.v	Site Plans: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.4.c.vi and vii	Construction Inspection and Acceptance and Post Acceptance Oversight: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.4.c.viii	Enforcement Response: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.5.a.ii	Municipal Facility Runoff Control Measures: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in Annual report Due March 10, 2018	Completed July 1, 2017	7/2017
I.E.5.a.ii(C)	Municipal Facility Runoff Control Measures: Ensure inspection requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019
I.E.5.a.iv	Nutrient Source Reductions: Ensure requirements are met; revise implementation and documentation if necessary.	Notification in annual report Due March 10, 2021	Completed July 1, 2020	7/2020
I.E.5.a.v.	Outdoor Bulk Storage	Notification in annual report Due March 10, 2022	Completed July 1, 2021	
I.E.5.b.i	Municipal Facility Runoff Control Measures: Ensure documentation is recorded.	Notification in annual report Due March 10, 2020	Completed July 1, 2019	7/2019



7.C) Assessment and Modifications

i. The results of the assessment of the effectiveness of the control measures.

Provide a narrative based on the assessment required in Part I.G.1.b of the Permit. The permit does not identify the scope or scale of information required beyond this information, the permittee may determine the extent and nature of information provided to meet this requirement.

Provide information below, or check "attached" and **attach the information** labeled as "PART 7.C.i"

Attached

The Town of Castle Rock (Town) has assessed the implementation of the control measures required by the permit and found the Town to be in compliance. It is the Town's understanding that the implementation of control measures consistent with the requirements of the permit constitutes an effective method to achieve the effluent limits of the permit.

ii. The results of the permit modification assessment and if any parts of this permit need to be modified or a condition of the permit may not be practicable.

Provide a narrative based on the assessment required in Part I.G.1.c of the Permit. The permit does not identify the scope or scale of information required beyond this information, the permittee may determine the extent and nature of information provided to meet this requirement.

Provide information below, or check "attached" and **attach the information** labeled as "PART 7.C.ii"

Attached

An assessment was completed and modifications are not applicable.



7.D) *Program Elements - Public Education and Outreach (Part I.E.1)

***All of 7.D is not required prior to the Jan 1, 2018 deadline for implementing in accordance with I.E.1.a.i, ii, & iii**

iii. List of the education and outreach activities completed in accordance with Part I.E.1.a.i. - Illicit Discharges Education and Outreach.

Provide list below.

Newspaper ads targeting commercial businesses with a likelihood of causing illicit discharges or improperly dispose of waste.

iv. List of the education and outreach activities completed in accordance with Part I.E.1.a.ii. - Education and Outreach Activities Table, referencing the activities in Table 1 of the Permit.

The permittee must implement at least four education and outreach activities (bulleted items) and at least two must be from the Active and Interactive Outreach column. Check those activities conducted in the table below.

Passive Activity

Check all activities implemented during report year

- Bus shelter/bench advertisement
- Billboard/dasher board advertisement
- Vehicle/bus advertisement
- Radio/television/movie theater advertisement
- Newspaper advertisement
- Distribute educational materials by brochure
- Distribute educational materials by fact sheet
- Distribute educational material by utility bill insert
- Publish article (hard copy or electronic)
- Storm drain marking by permittee staff that maintains 25% of permittee maintained inlets.
- Stormwater related signage
- Web site

Active and Interactive Outreach Activity

Check all activities implemented during report year

- Ongoing advertisement/promotion of a stormwater hotline number or other method to report an illicit discharge
- Ongoing advertisement/promotion on how to get more information about the stormwater program
- Ongoing social media program
- Web site that is interactive or contains stormwater information that includes actions that can be taken to reduce stormwater pollution
- Newsletter (hard copy or electronic)
- Promotion of existing local stormwater/environmental events or program that help protect water quality
- Distribute promotional items or giveaways
- Participate in or sponsor a water festival which involves populations that exist within the permit boundary
- Participate in or sponsor a waterway clean-up and trash removal event
- Participate in or sponsor a service project
- Participate in or sponsor a stormwater or environmental presentation
- Participate in or sponsor a stormwater or environmental event
- Participate in or sponsor community project based programs that investigate watershed health and meet applicable school Science, Technology, Engineering and Math (STEM) standards

Continued on Next Page



*Active and Interactive Outreach Activity Column,
Continued*

- Participate in or sponsor a household hazardous waste event
- Participate in or sponsor an Adopt-a-Street program
- Participate in or sponsor an Adopt-a-Waterway program
- Participate in or sponsor an Adopt-a-Storm Drain program
- Provide ongoing access to motor vehicle fluids recycling program
- Stormwater booth at a community event
- Conduct a stormwater survey
- Storm drain marking program performed by the public/community
- Pet waste stations
- Participate in, plan, or present stormwater materials to schools
- Stormwater demonstration projects that show control measures or other pollutant reduction methods

v. A list of the education and outreach activities completed in accordance with Part I.E.1.a.iii. - nutrients and targeted sources

Provide list below, including the pollutant sources targeted for each activity.

Activity 1: Newspaper Ads

Pollutant Sources: Fertilizers, Dog Waste, Landscaping Maintenance

Activity 2: Castle Rock Website – Protecting Water Quality

Pollutant Sources: Fertilizers, Dog Waste, Landscaping Maintenance

Activity 3: CLEAR Website – Protecting Water Quality

Pollutant Sources: Fertilizers, Landscaping Maintenance

Activity 4: Pet Waste Station Sponsor

Pollutant Sources: Dog Waste

Activity 5: Social Media Posts

Pollutant Source: Dog Waste, Landscaping Maintenance



7.E) Program Elements - Illicit Discharge Detection and Elimination	
<p>vi. Provide the total number of <u>unresolved reports/identification of illicit discharges</u>. An unresolved illicit discharge is one that has been identified or reported to the permittee and the requirements for removing the illicit discharge were not met during the reporting period. Refer to requirements for removing an illicit discharge in Part I.E.2.a.vi of the new permit. For the period prior to implementing a program to meet Part I.E.2.a.vi in accordance with the compliance schedule, refer to the permittee's CDPS Stormwater Management Program Description from the previous permit term.</p>	0

7.F) Program Elements - Construction Sites	
The permittee can define what constitutes an individual "site" and "inspection" for reporting below as appropriate for the permittee's own program.	
<p>i. Applicable construction sites: Provide the total number of applicable construction sites during the year. "Applicable construction sites" are sites for which "applicable construction activities," as defined in the permit, occurred during the <u>reporting year</u>.</p>	1306
<p>ii. *Routine Inspections: Provide the total number of Routine Inspections performed during the year. Routine Inspections are inspections of applicable construction activities that meet the inspection scope requirements in Part I.E.3.a.vi(C) and for which documentation is recorded in accordance with in Part I.E.3.d.vi.</p> <p>*Not required prior to the July 1, 2019 deadline for documenting in accordance with I.E.3.b.vi.</p>	3237
<p>iii. *Reduced Site Inspections: Provide the total number of Reduced Site Inspections performed during the year. Reduced Site Inspections are inspections of applicable construction activities that meet the inspection scope requirements in Part I.E.3.c.vi(D)(1), (2), (3) and (4) for which documentation is recorded in accordance with in Part I.E.3.d.vi.</p> <p>*Not required prior to the July 1, 2019 deadline for documenting in accordance with I.E.3.b.vi.</p>	235
<p>iv. *Compliance Inspections: Provide the total number of Compliance Inspections performed during the year. Compliance Inspections are inspections, operator reporting, or other action(s) to assess the control measure has been implemented or corrected of applicable construction activities that meet the inspection scope requirements in Part I.E.3.c.vi(E) and for which documentation is recorded in accordance with in Part I.E.3.d.vi.</p> <p>*Not required prior to the July 1, 2019 deadline for documenting in accordance with I.E.3.b.vi.</p>	150
<p>v. COUNTY PERMITTEES ONLY *County Growth Area Excluded Construction: Where any construction activities excluded from being applicable construction activities in accordance with Part I.E.3.c.i(B) (1) or (2)? <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, attach a list of the excluded construction sites. Include recordkeeping information required by Part I.E.3.d.i. Label the attachment as "Part 7.F.v Excluded Growth Area Construction." *Not required prior to the January 1, 2019 deadline for implementing in growth areas.</p>	




7.G) Program Elements - Post-Construction Stormwater Management in New Development and Redevelopment Program

The permittee can define what constitutes an individual "site" and "control measure" for reporting below as appropriate for the permittee's own program.

i. Applicable development sites: Provide the total number of applicable development sites for which control measures were implemented during the reporting period	6
ii. *Long-Term Operation and Maintenance and Post Acceptance Oversight: *ii.a and ii.b, below, are not required prior to the July 1, 2019 deadline for conducting inspections in accordance with Part I.E.4.c.vii.	
ii.a Provide the total number of applicable <u>development sites</u> inspected to ensure compliance with the requirement in Part I.E.4.c.vii.	10
ii.b Provide the total number of applicable <u>control measures</u> inspected to ensure compliance with the requirement in Part I.E.4.c.vii.	229
<p>iii. *Excluded Roadway Development Sites: Where any development excluded from being an applicable development site in accordance with the following permit conditions?</p> <p>Pavement Management: Part I.E.4.c.i(A), except maintenance sites <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Roadway Redevelopment: Part I.E.4.c.i(B) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Existing Roadway Areas Part I.E.4.c.i(C) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>If YES to one or more of the above, attach a list of the excluded development sites, identifying which exclusion applied. Include the recordkeeping information required by I.E.4.d.ii. Label the attachment as "Part 7.G.iii Excluded Roadway Development."</p> <p>*Not required prior to the July 1, 2019 deadline for implementing control measure in accordance with I.E.4.c.iv and exclusion requirements in accordance with I.E.4.c.i</p>	
<p>iv. COUNTY PERMITTEES ONLY</p> <p>*County Growth Area Excluded Development Sites: Where any developments excluded from being applicable development sites in accordance with Part I.E.4.c.i (G)(1)? <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If YES, attach a list of the excluded development sites. Include the recordkeeping information required by I.E.4.c.i (G)(1). Label the attachment as "Part 7.G.iv Excluded Growth Area Development."</p> <p>*Not required prior to the January 1, 2019 deadline for implementing in growth areas.</p>	

Part 8: Required Certification Signature [Reg 61.4(1)(h)]

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Legal Contact): Mark Marlowe, P.E.	Title: Director of Castle Rock Water
Signature (Original Ink Signature):  FEA6D2E651B241D...	Date signed: 3/9/2021 9:48 AM MST





Attachment 1 – Part 7.G.iii Excluded Roadway Development

The following development sites meet the minimum criteria for Excluded Roadway Development in the 2020 Annual Report period.

2020 Town of Castle Rock Pavement Management Program

1. 2020 Asphalt Overlay Project
2. 2020 Curb, Gutter and Sidewalk Replacement Project
3. 2020 Full Depth Reclamation Project
4. 2020 Miscellaneous Concrete Project
5. Meadows Blvd/Prairie Hawk Drive Reconstruction Project

Please see the attached Technical Criteria Variance No. 21-0021 for the required recordkeeping information.



Development Services
100 N. Wilcox Street
Castle Rock, CO 80104
720-733-2200 FAX 720-733-2231

NO. TCV21-0021

DATE 3/5/2021

TECHNICAL CRITERIA VARIANCE APPLICATION

DEVELOPMENT 2020 Pavement Management Program (PMP) - Town of Castle Rock

LEGAL DESCRIPTION OF SUBJECT PROPERTY

Portions of the Town of Castle Rock, Douglas County, Colorado

VARIANCE REQUESTED:

Code Section(s) 2019 Storm Drainage Design and Technical Criteria Manual Section 13.1.5

Describe the Variance Requested

Exclusions from Water Quality Enhancement and Full-Spectrum Detention

1. Describe the exceptional situation or condition that exists

The 2020 PMP includes five contracts that include: Asphalt Overlay; Curb, Gutter and Sidewalk Replacement; Full-Depth Reclamation; Miscellaneous Concrete Replacement; and Meadows Blvd/Prairie Hawk Drive Reconstruction. Sites under these construction contracts meet the criteria for exclusion for Pavement Management Sites under Section 13.1.5.

2. Describe the difficulty or hardship that would be created by a strict enforcement of the code

The SDDTCM allows for this exclusion by variance only.

3. Describe why there would not be any adverse impact on public health, safety and welfare

These sites are limited to the repair and replacement of pavement in a manner that does not result in an increased impervious area and the purpose of the activities are to provide additional years of service life and optimize service and safety of the public roadways.

Additional Information: See attached 2020 PMP Map and MS4 Compliance Summary Forms

1. Attach an improvement survey.
2. Attach a drawing showing the intended uses.
3. Provide any other information helpful to discussion.

PROPERTY OWNER

APPLICANT'S REPRESENTATIVE (If applicable)

Name: Town of Castle Rock Public Works

Name: _____

Address: 4175 Castleton Court
Castle Rock, CO 80109

Address: _____

Phone #: 720-733-2462

Phone: _____

Fax #: _____

Fax: _____

Brian Kelley

Digitally signed by Brian Kelley
DN: C=US, E=bkelley@crgov.com, OU=Public Works, O=ToCR, CN=Brian Kelley
Date: 2021.03.05 14:14:33-07'00'

Signature of Applicant

For Staff Use Only

Staff Recommendation: Approved Yes No

Mark Marlowe

Digitally signed by Mark Marlowe
DN: cn=Mark Marlowe, o=Castle Rock Water, ou, email=mmarlowe@crgov.com, c=US
Date: 2021.03.08 12:16:16 -07'00'

Signature

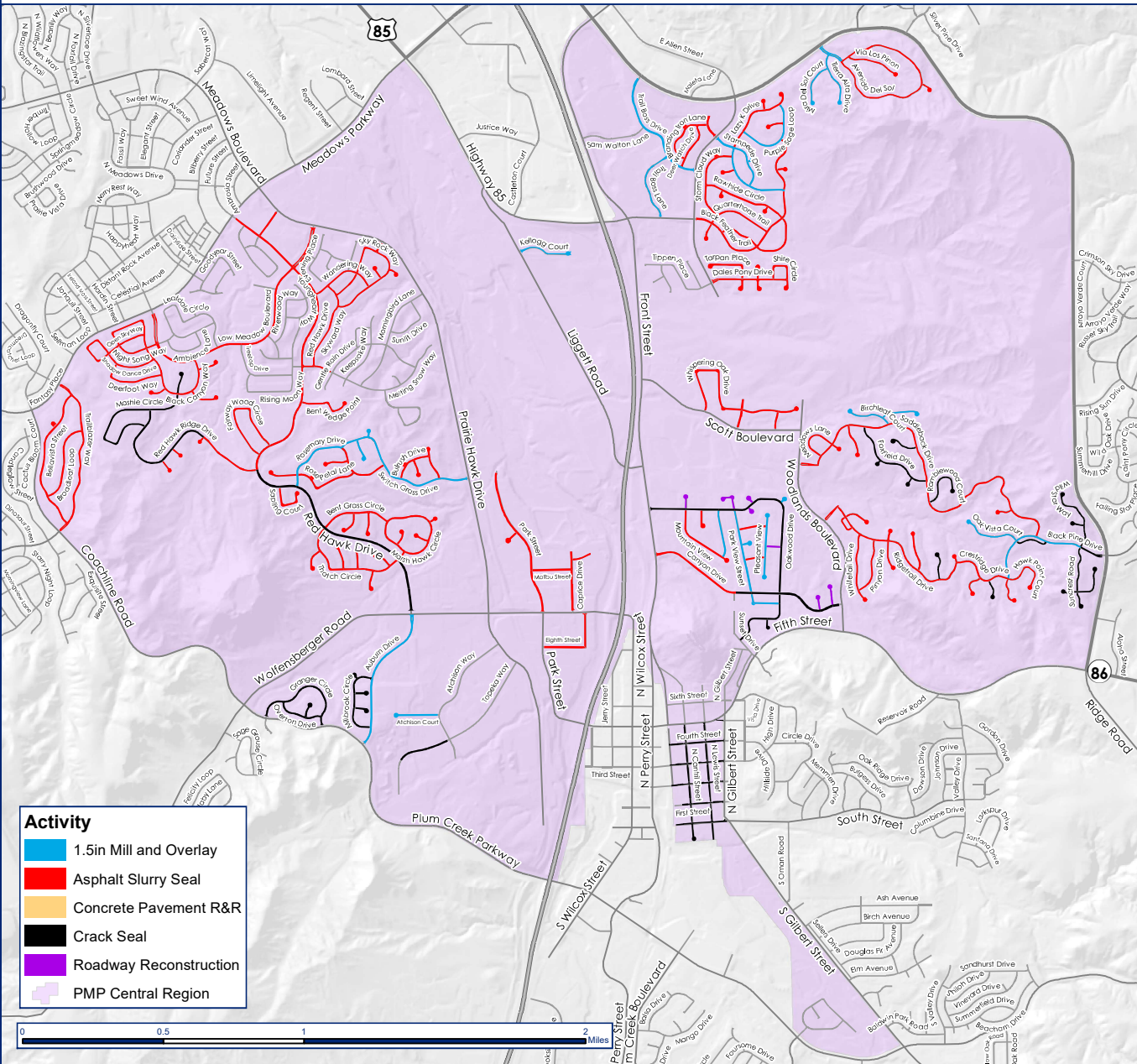
- Public Works Director
- Director of Castle Rock Water
- Parks & Recreation Director
- Development Services Director

Date

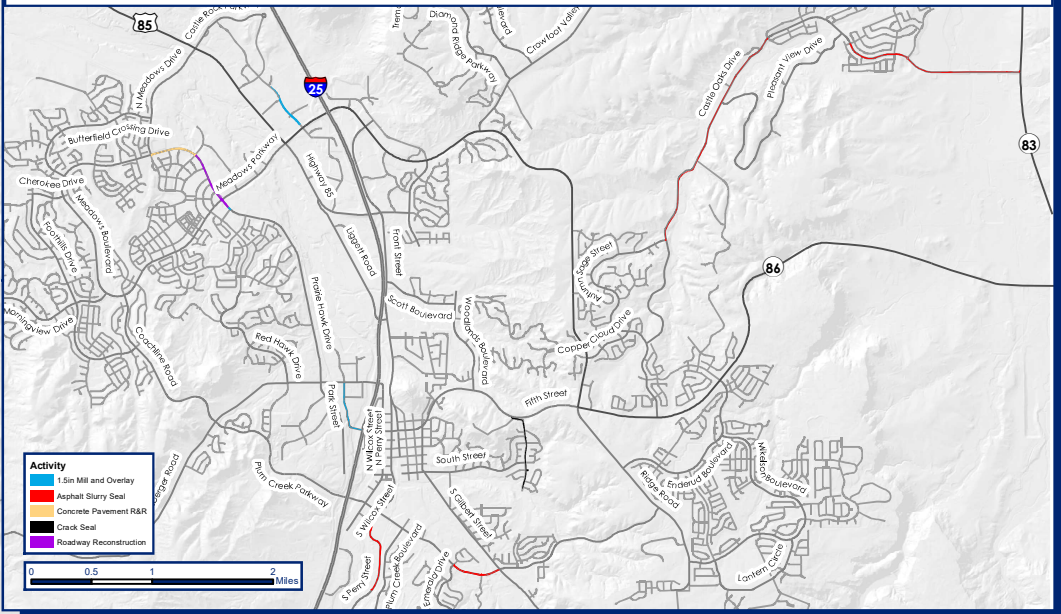
Comments

Conditions of Acceptance

Proposed Pavement Treatments



2020 PMP Primary Proposed Pavement Treatments



Disclaimer: The data presented has been compiled from various sources, each of which introduces varying degrees of inaccuracies or inconsistencies. Such discrepancies in data are inherent and in supplying this product to the public the Town of Castle Rock assumes no liability for its use or accuracy. For questions or comments regarding omissions, corrections, or updates please visit CR.gov.com/registry for contact information.



Summary of Water Quality Conformance to MS4 Permit

The purpose of this worksheet is to document conformance with the Town of Castle Rock's MS4 permit with regard to permanent water quality on land disturbance projects.

Project Name 2020 Asphalt Overlay Project

Project Owner Town of Castle Rock

Project Location Castle Rock, CO

ToCR Project Number 2020-018

Total Site Area 34 acres

Total Size of Common Plan of Development N/A acres

Check all that apply:

Project within Plum Creek Basin

Project within Cherry Creek Basin

Estimated construction completion date July 31, 2020

1. The water quality control measure(s) for applicable development sites shall meet one of the following base design standards as per the SDDTCM Section 14.4. Please select all design standards that were applied to meet conformance with the MS4 on this site.

- WQCV standard
- Pollutant removal standard
- Runoff reduction standard
- Applicable site draining to regional WQVC control measure (accepts drainage prior to discharging to WOTS)
- Applicable site draining to regional WQVC control facility (with receiving pervious area control measure upstream of WOTS)
- Constrained redevelopment sites standard
 - Imperviousness of existing site _____ / _____ (Imp. Ac/Site Ac) = ____%
 - Variance required TCV No. _____
- Existing control measure with WQCV per previous criteria standards
 - Reference Construction Permit No. _____
- Cherry Creek Basin only, choose one: Tier 1 Tier 2 Tier 3
- No control measures provided (See Permanent WQ Worksheet for applicability)

Summary of Water Quality Conformance to MS4 Permit

2. Was an exclusion to water quality applied as per SDDTCM Section 13.1.5? Yes No

i. If yes, please select all that apply, provide total excluded impervious area(s) and submit variance, as applicable: TCV No. 21-0021

- Pavement management site
Excluded impervious area: 34 acres
- Excluded roadway redevelopment
Excluded impervious area: _____ acres
- Excluded existing roadway areas
Excluded impervious area: _____ acres
- Above ground and below ground utilities
- Large lot single family home
- Non-residential and non-commercial infiltration
Excluded impervious area: _____ acres
- Land disturbance for land to remain undeveloped
Excluded impervious area: _____ acres
- Stream Stabilization Sites
Excluded impervious area: _____ acres
- Trails
Excluded impervious area: _____ acres
- Oil and Gas Exploration

3. For Development and Redevelopment sites, following any exclusions claimed above, was any portion of the site excluded up to 20% of the site and not to exceed one acre? Yes No

If yes, complete the following:

Excluded area: _____ acres
Total Site area: _____ acres, _____ % site excluded

4. For Constrained sites, was any portion of the site excluded up to 50% of the site and not to exceed 50% of the impervious area? Yes No

If yes, complete the following:

Excluded area: _____ acres
Excluded impervious area: _____ acres
Total Site area: _____ acres, _____ % site excluded
Total Impervious area: _____ acres, _____ % impervious excluded



Summary of Water Quality Conformance to MS4 Permit

The purpose of this worksheet is to document conformance with the Town of Castle Rock's MS4 permit with regard to permanent water quality on land disturbance projects.

Project Name 2020 Curb, Gutter & Sidewalk Replacement Project

Project Owner Town of Castle Rock

Project Location Castle Rock, CO

ToCR Project Number 2020-020

Total Site Area 1.06 acres

Total Size of Common Plan of Development N/A acres

Check all that apply:

Project within Plum Creek Basin

Project within Cherry Creek Basin

Estimated construction completion date July 21, 2020

1. The water quality control measure(s) for applicable development sites shall meet one of the following base design standards as per the SDDTCM Section 14.4. Please select all design standards that were applied to meet conformance with the MS4 on this site.

- WQCV standard
- Pollutant removal standard
- Runoff reduction standard
- Applicable site draining to regional WQVC control measure (accepts drainage prior to discharging to WOTS)
- Applicable site draining to regional WQVC control facility (with receiving pervious area control measure upstream of WOTS)
- Constrained redevelopment sites standard
 - Imperviousness of existing site _____ / _____ (Imp. Ac/Site Ac) = _____%
 - Variance required TCV No. _____
- Existing control measure with WQCV per previous criteria standards
 - Reference Construction Permit No. _____
- Cherry Creek Basin only, choose one: Tier 1 Tier 2 Tier 3
- No control measures provided (See Permanent WQ Worksheet for applicability)

Summary of Water Quality Conformance to MS4 Permit

2. Was an exclusion to water quality applied as per SDDTCM Section 13.1.5? Yes No

i. If yes, please select all that apply, provide total excluded impervious area(s) and submit variance, as applicable: TCV No. 21-0021

- Pavement management site
Excluded impervious area: 1.06 acres
- Excluded roadway redevelopment
Excluded impervious area: _____ acres
- Excluded existing roadway areas
Excluded impervious area: _____ acres
- Above ground and below ground utilities
- Large lot single family home
- Non-residential and non-commercial infiltration
Excluded impervious area: _____ acres
- Land disturbance for land to remain undeveloped
Excluded impervious area: _____ acres
- Stream Stabilization Sites
Excluded impervious area: _____ acres
- Trails
Excluded impervious area: _____ acres
- Oil and Gas Exploration

3. For Development and Redevelopment sites, following any exclusions claimed above, was any portion of the site excluded up to 20% of the site and not to exceed one acre? Yes No

If yes, complete the following:

Excluded area: _____ acres
Total Site area: _____ acres, _____ % site excluded

4. For Constrained sites, was any portion of the site excluded up to 50% of the site and not to exceed 50% of the impervious area? Yes No

If yes, complete the following:

Excluded area: _____ acres
Excluded impervious area: _____ acres
Total Site area: _____ acres, _____ % site excluded
Total Impervious area: _____ acres, _____ % impervious excluded



Summary of Water Quality Conformance to MS4 Permit

The purpose of this worksheet is to document conformance with the Town of Castle Rock's MS4 permit with regard to permanent water quality on land disturbance projects.

Project Name 2020 Full Depth Reclamation Project

Project Owner Town of Castle Rock

Project Location Castle Rock, CO

ToCR Project Number 2020-021

Total Site Area 3 acres

Total Size of Common Plan of Development N/A acres

Check all that apply:

Project within Plum Creek Basin

Project within Cherry Creek Basin

Estimated construction completion date May 22, 2020

1. The water quality control measure(s) for applicable development sites shall meet one of the following base design standards as per the SDDTCM Section 14.4. Please select all design standards that were applied to meet conformance with the MS4 on this site.

- WQCV standard
- Pollutant removal standard
- Runoff reduction standard
- Applicable site draining to regional WQVC control measure (accepts drainage prior to discharging to WOTS)
- Applicable site draining to regional WQVC control facility (with receiving pervious area control measure upstream of WOTS)
- Constrained redevelopment sites standard
 - Imperviousness of existing site _____ / _____ (Imp. Ac/Site Ac) = _____%
 - Variance required TCV No. _____
- Existing control measure with WQCV per previous criteria standards
 - Reference Construction Permit No. _____
- Cherry Creek Basin only, choose one: Tier 1 Tier 2 Tier 3
- No control measures provided (See Permanent WQ Worksheet for applicability)

Summary of Water Quality Conformance to MS4 Permit

2. Was an exclusion to water quality applied as per SDDTCM Section 13.1.5? Yes No

i. If yes, please select all that apply, provide total excluded impervious area(s) and submit variance, as applicable: TCV No. 21-0021

- Pavement management site
Excluded impervious area: 3 acres
- Excluded roadway redevelopment
Excluded impervious area: _____ acres
- Excluded existing roadway areas
Excluded impervious area: _____ acres
- Above ground and below ground utilities
- Large lot single family home
- Non-residential and non-commercial infiltration
Excluded impervious area: _____ acres
- Land disturbance for land to remain undeveloped
Excluded impervious area: _____ acres
- Stream Stabilization Sites
Excluded impervious area: _____ acres
- Trails
Excluded impervious area: _____ acres
- Oil and Gas Exploration

3. For Development and Redevelopment sites, following any exclusions claimed above, was any portion of the site excluded up to 20% of the site and not to exceed one acre? Yes No

If yes, complete the following:

Excluded area: _____ acres
Total Site area: _____ acres, _____ % site excluded

4. For Constrained sites, was any portion of the site excluded up to 50% of the site and not to exceed 50% of the impervious area? Yes No

If yes, complete the following:

Excluded area: _____ acres
Excluded impervious area: _____ acres
Total Site area: _____ acres, _____ % site excluded
Total Impervious area: _____ acres, _____ % impervious excluded



Summary of Water Quality Conformance to MS4 Permit

The purpose of this worksheet is to document conformance with the Town of Castle Rock's MS4 permit with regard to permanent water quality on land disturbance projects.

Project Name Meadows Blvd/Prairie Hawk Reconstruction Project

Project Owner Town of Castle Rock

Project Location Castle Rock, CO

ToCR Project Number 2020-019

Total Site Area 10 acres

Total Size of Common Plan of Development N/A acres

Check all that apply:

Project within Plum Creek Basin

Project within Cherry Creek Basin

Estimated construction completion date July 31, 2020

1. The water quality control measure(s) for applicable development sites shall meet one of the following base design standards as per the SDDTCM Section 14.4. Please select all design standards that were applied to meet conformance with the MS4 on this site.

- WQCV standard
- Pollutant removal standard
- Runoff reduction standard
- Applicable site draining to regional WQVC control measure (accepts drainage prior to discharging to WOTS)
- Applicable site draining to regional WQVC control facility (with receiving pervious area control measure upstream of WOTS)
- Constrained redevelopment sites standard
 - Imperviousness of existing site _____ / _____ (Imp. Ac/Site Ac) = ____%
 - Variance required TCV No. _____
- Existing control measure with WQCV per previous criteria standards
 - Reference Construction Permit No. _____
- Cherry Creek Basin only, choose one: Tier 1 Tier 2 Tier 3
- No control measures provided (See Permanent WQ Worksheet for applicability)

Summary of Water Quality Conformance to MS4 Permit

2. Was an exclusion to water quality applied as per SDDTCM Section 13.1.5? Yes No

i. If yes, please select all that apply, provide total excluded impervious area(s) and submit variance, as applicable: TCV No. 21-0021

- Pavement management site
Excluded impervious area: 10 acres
- Excluded roadway redevelopment
Excluded impervious area: _____ acres
- Excluded existing roadway areas
Excluded impervious area: _____ acres
- Above ground and below ground utilities
- Large lot single family home
- Non-residential and non-commercial infiltration
Excluded impervious area: _____ acres
- Land disturbance for land to remain undeveloped
Excluded impervious area: _____ acres
- Stream Stabilization Sites
Excluded impervious area: _____ acres
- Trails
Excluded impervious area: _____ acres
- Oil and Gas Exploration

3. For Development and Redevelopment sites, following any exclusions claimed above, was any portion of the site excluded up to 20% of the site and not to exceed one acre? Yes No

If yes, complete the following:

Excluded area: _____ acres
Total Site area: _____ acres, _____ % site excluded

4. For Constrained sites, was any portion of the site excluded up to 50% of the site and not to exceed 50% of the impervious area? Yes No

If yes, complete the following:

Excluded area: _____ acres
Excluded impervious area: _____ acres
Total Site area: _____ acres, _____ % site excluded
Total Impervious area: _____ acres, _____ % impervious excluded



Summary of Water Quality Conformance to MS4 Permit

The purpose of this worksheet is to document conformance with the Town of Castle Rock's MS4 permit with regard to permanent water quality on land disturbance projects.

Project Name 2020 Miscellaneous Project

Project Owner Town of Castle Rock

Project Location Castle Rock, CO

ToCR Project Number 2093

Total Site Area 0.20 acres

Total Size of Common Plan of Development N/A acres

Check all that apply:

Project within Plum Creek Basin

Project within Cherry Creek Basin

Estimated construction completion date October 19, 2020

1. The water quality control measure(s) for applicable development sites shall meet one of the following base design standards as per the SDDTCM Section 14.4. Please select all design standards that were applied to meet conformance with the MS4 on this site.

- WQCV standard
- Pollutant removal standard
- Runoff reduction standard
- Applicable site draining to regional WQVC control measure (accepts drainage prior to discharging to WOTS)
- Applicable site draining to regional WQVC control facility (with receiving pervious area control measure upstream of WOTS)
- Constrained redevelopment sites standard
 - Imperviousness of existing site _____ / _____ (Imp. Ac/Site Ac) = ____%
 - Variance required TCV No. _____
- Existing control measure with WQCV per previous criteria standards
 - Reference Construction Permit No. _____
- Cherry Creek Basin only, choose one: Tier 1 Tier 2 Tier 3
- No control measures provided (See Permanent WQ Worksheet for applicability)

Summary of Water Quality Conformance to MS4 Permit

2. Was an exclusion to water quality applied as per SDDTCM Section 13.1.5? Yes No

i. If yes, please select all that apply, provide total excluded impervious area(s) and submit variance, as applicable: TCV No. 21-0021

- Pavement management site
Excluded impervious area: 0.20 acres
- Excluded roadway redevelopment
Excluded impervious area: _____ acres
- Excluded existing roadway areas
Excluded impervious area: _____ acres
- Above ground and below ground utilities
- Large lot single family home
- Non-residential and non-commercial infiltration
Excluded impervious area: _____ acres
- Land disturbance for land to remain undeveloped
Excluded impervious area: _____ acres
- Stream Stabilization Sites
Excluded impervious area: _____ acres
- Trails
Excluded impervious area: _____ acres
- Oil and Gas Exploration

3. For Development and Redevelopment sites, following any exclusions claimed above, was any portion of the site excluded up to 20% of the site and not to exceed one acre? Yes No

If yes, complete the following:

Excluded area: _____ acres
Total Site area: _____ acres, _____ % site excluded

4. For Constrained sites, was any portion of the site excluded up to 50% of the site and not to exceed 50% of the impervious area? Yes No

If yes, complete the following:

Excluded area: _____ acres
Excluded impervious area: _____ acres
Total Site area: _____ acres, _____ % site excluded
Total Impervious area: _____ acres, _____ % impervious excluded



Securing our future *drop by drop*

March 8, 2021

Via: Electronic Delivery

Water Quality Control Division
WQCD-B2
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Subject: Town of Castle Rock Stormwater 2020 Annual Report – MS4
Colorado Discharge Permit No. COR-080012

To Whom It May Concern:

Attached is the Town of Castle Rock's 2020 Annual Report along with applicable attachments per Section 7.G.iii. The report documents the Town's implementation of the CDPS Stormwater Management Program in compliance with the conditions of the MS4 Permit.

If you have any questions regarding this report, please feel free to contact me at 720-733-6029.

Sincerely,

DocuSigned by:

A handwritten signature in cursive script that reads "David Van Dellen".

6FA8E10696E84E4...

J. David Van Dellen, P.E.
Stormwater Manager

Enclosures

Cc: Mark Marlowe, P.E., Director of Castle Rock Water
File

