



COLORADO
Department of
Transportation



PWQ Local Agency Call for Projects



Why We're Here Today

To ensure all applicants understand the types of projects CDOT is looking to fund and expectations/ tips for the application:

- Overview of CDOT's PWQ Program
- Eligible Projects
- Selection Process
- Application Expectations/ Best Practices
- Q/A



Why CDOT has a PWQ Local Agency Call for Projects

- In order to be in compliance with its MS4 Permit, CDOT must contribute \$6.5 million annually to a PWQ Mitigation Pool, and use funds to construct PWQ Control Measures/Best Management Practices (BMPs) that meet the required design standards for stormwater treatment/mitigation.
- Local agencies can use funding for projects that treat a portion of runoff from CDOT-owned land (i.e., right of way) within CDOT's MS4 boundaries. This is a reimbursement program.



Treated Area and Cost Per Acre

City	Project	Total Area Treated (acres)	%of project that treats CDOTs MS4 Impervious area (acres)	Total CDOT Impervious Area Treated (acres)	Amount Funded by CDOT	Total Project Cost	CDOT Cost Per CDOT MS4 Impervious Area
City of Golden:	CDOT Infield Regional Detention and Water Quality Pond for Drainageway H	125.0	33.80%	25.7	\$210,454	\$1,751,516	\$8,189
City of Steamboat Springs	Hwy 40/9th Street Water Quality Treatment Project	12.0	17.50%	2	\$65,000	\$90,000	\$32,500
El Paso County	I-25/North Gate/Struthers Water Quality Improvements	97.8	21.50%	4.9	\$1,000,000	\$2,185,000	\$200,000
City of Colorado	US 24/Colorado Ave Basins	57.0	34.40%	9.8	\$2,750,000	\$2,910,000	\$280,612
City of Brighton	Veterans Park Water Quality	90.0	26.20%	14.8	\$421,978	\$509,478	\$28,512
City of Colorado Springs	Fairfax Tributary Basin	65.0	76.40%	18.1	\$2,863,472	\$50,003,472	\$158,203
Average		74.5	34.97%	12.55	\$1,218,484	N/A	\$118,003



Website

CDOT PWQ Local Agency Call for Projects

This website is the resource for all Local Agency Mitigation Pool application materials and resources.

<https://www.codot.gov/programs/environmental/water-quality/permanent-water-quality>

Key Resources:

- Application Guidance
- Application Form
- CDOT Mitigation Pool Evaluation Matrix
- Excel spreadsheets for the treatment area and cost estimate tables
- Contacts
- Frequently asked questions



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Permanent Water Quality

MS4 PWQ Program Overview

Applying for CDOT Mitigation Pool Funding

Manuals, Standard Operating Procedures and Guidance

Program Description Document - coming Sept 1, 2017

PWQ Program Manual

This manual provides PWQ Program requirements. The March 1, 2017, PWQ Program Manual is the implementation document for CDOT's PWQ Program and incorporates the MS4 Permit Compliance Schedule requirements. This document applies to all projects starting design, or in early design, on or after March 1, 2017. For projects that have completed significant design prior to



Local Agency Eligible Projects

Projects provide the following:

- Treat CDOT MS4 Area
- Meet Design Standards
- Funds used for Allowable Activities
- Mutually beneficial



What Can Fund Pay For?

Funding can only pay for items completed after IGA execution:

- Design of Control Measures
- Acquisition of ROW
- Construction of Permanent Water Quality Control Measures

When the PWQ project is in combination with another project (i.e. roadway or park project) a good rule of thumb is to ask if it would exist without the PWQ project.



What Can't Fund Pay For?

Items the fund can not pay for include, but are not limited to the following:

- Activities completed prior to IGA completion
- Maintenance of existing or new Control Measures
- Flood detention that does not meet Design Standards
- Enhancements such as benches, landscaping beyond stabilization, recreational paths, etc.



Projects Selection Overview

The Mitigation Pool Committee is made of Region and HQ staff from a variety of specialties who review and select projects.

Project Selection is a three-step process:

- Threshold (Minimum) Criteria
- Evaluation Criteria
- Readiness and Geographic Diversity



Threshold Criteria

1. Describe the Scope for the Control Measures (see specific guidance on what should be included in scope)
 - a) Can only be used for design, acquisition of needed ROW and construction of Control Measures.
 - b) Control Measures must provide treatment of CDOT MS4 area. A substantial portion of treated water must be runoff from CDOT ROW.
 - c) All PWQ Control Measures must treat runoff prior to that runoff entering Waters of the State.
 - d) All PWQ Control Measures must meet CDOT's required Design Standards.
 - e) Designed per the CDOT Drainage Design Manual.
 - f) Completed Control Measures must be surveyed and certified per CDOT specifications.



Threshold Criteria

2. Consistent with a long-term plan for water quality treatment and land use
3. Project readiness based on schedule that considers federal and state requirements (e.g., environmental clearances and surveys and ROW)
4. Sustainable maintenance plan
5. Comply with CDOT Intergovernmental Agreement and 2 CFR 200 requirements
6. Resources are available: A person with authority must certify that funds outlined in the cost estimate will be available by signing the application form.



Evaluation Criteria

Each of the Evaluation Criteria offer an opportunity for an applicant to score points. The applications with the highest amount of points will move to the third step in project selection.

Highlighted Evaluation Criteria:

- Quality of proposed project -
- Maintenance responsibility- Projects that do not require CDOT to maintain regional Control Measures are strongly preferred.
- Overall quality of maintenance plan
- Treat significant CDOT MS4 Area
- CDOT Cost Effectiveness
- Matching resources
- Mutually beneficial: water quality benefit, partnerships, local watershed priority, holistic design



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Readiness and Geographic Diversity

Projects that are further along in the design process, have an aggressive schedule, have completed ROW acquisition, or other components that demonstrate project readiness will rank higher than other proposals.

Over time, CDOT's goal is for funding to be distributed across regions according to the amount of CDOT roadway lane miles in MS4 areas, or geographic diversity.



Requirements for Selected Projects

Most of these criteria exist because of regulatory requirements:

- Submit refined schedule one month after IGA execution
- Follow applicable federal and NEPA requirements
- Follow Local Agency Manual
- Track and submit PWQ eligible expenditures using CDOT spreadsheet (also note elements paid for with other funding sources)



General Notes for a Successful Application

- **Talk to CDOT in advance** - Set up a one-on-one concept meeting to discuss your project and clarify project details with CDOT region staff. For example, if you are building your project on near CDOT ROW they can find out if we have a potential project in the area that might impact your project).
- **Follow application form** - Add responses to relevant sections, and refer to guidance for each section to ensure you covered everything
- **Don't forget the treatment table, cost estimate, map/aerial and signature** from person with authority to certify that funds will be available
- **Ensure project meets CDOT Design Standards** - review the NDRD Interim Program Guidance for a more detailed overview.



General Notes for a Successful Application

- **Ensure preliminary schedule is realistic** - Take into account state and federal requirements (e.g., environmental clearances and surveys and right-of-way).
- **Include all reference documents are included** - Appendices should have clear descriptions and be referenced appropriately in the application form. Examples, if applicable letters:
 - certifying maintenance responsibility;
 - from CDOT Regions or other partners in which ROW, access, or other approvals will be needed
 - support from partners providing matching funds or in-kind services.
- **Do a Q/A check** - Ensure all information is consistent and you don't have conflicting info in different sections
- **Be clear and concise** - When in doubt, it is better to over explain than to under explain



Reminders

- Application details at:
<https://www.codot.gov/programs/environmental/water-quality/permanent-water-quality-call-for-projects>
- Applicants can contact Amber Williams, the PWQ Program Manager at dot_pwq@state.co.us or 303-757-9814.
- Final applications are due by **Monday, June 26, 2017 at 6 am.**