## SECTION 01210

## SEDIMENT/EROSION CONTROL & SITE RESTORATION SURETY

### PART 1    GENERAL

#### 1.01    DESCRIPTION

A.   This section addresses the surety required for commencement and completion of the project.

B.   This section addresses the Loveland Stormwater Enforcement Policy and Stormwater Quality Code.

#### 1.02    REFERENCES

A.   City of Loveland Municipal Code, Chapter 13.20: Stormwater Quality.

B.   City of Loveland Municipal Code, Section 13.20.070: Security Requirement.

C.   City of Loveland Municipal Code, Section 16.40.030: Guarantee form & deposit.

D.   CDOT Cost Data, most recent year, as compiled by the Cost Estimates Unit of the Staff Design Branch.

#### 1.03    ATTACHMENTS TO THIS SECTION

A.   Agreement for Sediment/Erosion Control Best Management Practices (BMPs) with Cash Deposit.

B.   Agreement for Sediment/Erosion Control Best Management Practices (BMPs) with Irrevocable Letter of Credit.

C.   Sediment/Erosion Control, Best Management Practices (BMPs), Cost Opinion Spreadsheet.

D.   Erosion and Sediment Control Inspection List (ESCIL).

E.   Stormwater Quality Ordinance, Chapter 13.20.

F.   Stormwater Quality Permit Application.

G.   Stormwater Quality Permit Application – Small Site.

H.   Stormwater Quality Enforcement Policy.

I.   Acknowledgement Certificate.

J.   Sediment/Erosion Control Development Checklist.

#### 1.04    RELATED WORK SPECIFIED ELSEWHERE

A.   Site Cleanup: Section 01710

B.   Erosion Control Matting and Components: Section 02375.

C.  Vegetative Sediment/Erosion Control: Section 02377

## PART 2   PRODUCTS

### 2.01   GENERAL

A.  Comply with City of Loveland Municipal Code, Chapter 13.20 Stormwater Quality.

## PART 3   EXECUTION

### 3.01   GENERAL

A.  The City will work with the Contractor, Developer/Owner and Design Engineer to develop a list of acceptable permanent water quality BMPs on a case-by-case basis of each project. See Sections 02375 and 02377.

B.  No land disturbing activity on any site shall begin until Sediment/Erosion Control Plan has been approved, the Owner or Contractor has submitted proof of security to insure rehabilitation of the disturbed land, a permit is issued and all required perimeter silt and construction fencing shown on the Sediment/Erosion Control Plan have been installed.  A cash escrow or irrevocable letter of credit, acceptable to the City of Loveland per paragraph 1.02.C, and naming the City as the protected party, is required.  Such cash escrow or irrevocable letter of credit, shall further guarantee the continued maintenance and replacement of any installed erosion control measures shown on the approved plan.

C.  Security Requirements (Municipal Code, Section 13.20.070)
    1.  The amount of the security shall be based upon the estimated cost of the work required to ensure compliance with the permit's terms and conditions and requirements of Municipal Code, Chapter 13.20. In determining the cost of work, a 15% contingency shall be included.
    2.  The Owner or Contractor shall determine the total cost of the security by completing Attachment "C" to this section "Cost Opinion Spreadsheet". The Cost Opinion Spreadsheet requires City approval prior to executing the security requirements.
    3.  Use Attachment "A" "Agreement for Sediment/Erosion Best Management Practices (BMPs) with Cash Deposit" and Attachment "B" "Agreement for Sediment/Erosion Best Management Practices (BMPs) with Irrevocable Letter of Credit" to complete the security requirement.
    4.  In no instance, shall the amount of security be less than $1,000.

D.  Should the provisions of approved Sediment/Erosion Control Plans not be complied with, the City may call the security.  In the event that the City calls the security, it is not the City's intention to routinely administer the construction of the measures shown on the erosion control plans, however, the City reserves the right to enter upon the land and take whatever actions are necessary to stabilize and revegetate all disturbed areas, or to have the plan constructed and make repairs as necessary.

E.  Upon acceptance by the City of the initial installation of all sediment/erosion control transport measures, the security shall, at the request of the Owner or Contractor, be reduced to fifty percent of the original amount.  This amount shall be retained by the City until sediment/erosion control transport measures on the project are no longer necessary (until all permanent sediment/erosion control measures are complete and/or all required revegetation measures installed and established through two growing seasons).  At this time, any cash escrow, or irrevocable letter of credit shall be released.

**END OF SECTION**

# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "A"

# "Agreement for Sediment/Erosion Control Best Management Practices (BMPs) with Cash Deposit"

**(Form may be modified by City Attorney pursuant to Loveland Municipal Code 13.20.070)**

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<u>**01210 - Sediment/Erosion Control & Site Restoration**</u>

<u>**ATTACHMENT "B"**</u>

**"Agreement for Sediment/Erosion Control
Best Management Practices (BMPs)
with
Irrevocable Letter of Credit"**

**(Form may be modified by City Attorney pursuant to
Loveland Municipal Code 13.20.070)**

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# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "C"

## "Sediment/Erosion Control,
## Best Management Practices (BMPs),
## Cost Opinion Spreadsheet"

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# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "D"

# "Erosion and Sediment Control Inspection List (ESCIL)"

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# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "E"

# "Stormwater Quality Ordinance,

# Chapter 13.20"

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## ATTACHMENT "F"

## "Stormwater Quality Permit Application"

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# ATTACHMENT "G"

## "Stormwater Quality Permit Application – Small Site."

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# ATTACHMENT "H"

## "Stormwater Quality Enforcement Policy"

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# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "I"

# "Acknowledgement Certificate"

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# 01210 - Sediment/Erosion Control & Site Restoration

# ATTACHMENT "J"

# "Sediment/Erosion Control
# Development Checklist"

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