

BOARD OF COUNTY COMMISSIONERS OF ARAPAHOE COUNTY, COLORADO

TUESDAY, DECEMBER 6, 2022

At the regular meeting of the Board of County Commissioners for Arapahoe County, Colorado held at the Administration Building, 5334 South Prince Street, Littleton, Colorado on Tuesday, the 6th day of December, 2022, there were present:

Nancy Jackson, Chair	Commissioner District 4	Present
Carrie Warren-Gully, Chair Pro Tem	Commissioner District 5	Present
Bill Holen	Commissioner District 1	Present
Jeff Baker	Commissioner District 3	Present
Nancy Sharpe	Commissioner District 2	Present
Ron Carl	County Attorney	Present
Joan Lopez	Clerk to the Board	Absent and Excused
Taylor Hendrix	Assistant Clerk to the Board	Present

All draft resolutions hereto presented to the Board, as may have been modified by Board review, are contained herein in final form as approved by the Board.

RESOLUTION NO. 22-339 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, on November 8, 2022, the Board of County Commissioners (BoCC) adopted Arapahoe County Ordinance No. 2022-01 Establishing Limited Retail Marijuana Stores within Unincorporated Arapahoe County, which became effective December 17, 2022; and

WHEREAS, also on November 8, 2022, BoCC adopted a revision to the Land Development Code Sec. 3-3.5 Marijuana Land Use and Definitions for marijuana use within unincorporated Arapahoe County; and

WHEREAS, the BoCC desires to update the Arapahoe County Commercial Marijuana Store Licensing Policy to reflect Ordinance 2022-01 and the amended Land Development Code Sec. 3-3.5.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, Colorado to adopt the Arapahoe County Commercial Marijuana Store Licensing Policy as presented today.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-340 It was moved by Commissioner Baker and duly seconded by Commissioner Holen that the Board of County Commissioners of Arapahoe County, Colorado, adopt the following Resolution:

WHEREAS, Dr. Kelly Lear, Arapahoe County Coroner, has been re-elected for a third term to begin in January, 2023, and

WHEREAS, pursuant to C.R.S. § 30-2-102 the salary of the Arapahoe County Coroner is currently set at \$131,701.00; however, pursuant to C.R.S. §30-2-108 a board of county commissioners may provide additional compensation to a county coroner who performs post-mortem examinations, which additional compensation is to be paid from the county treasury; and

WHEREAS, Dr. Lear is a licensed medical doctor and is a certified forensic pathologist and will be performing post-mortem examinations of the bodies of deceased persons; and

WHEREAS, based upon information provided to it the Board of County Commissioners has determined that the appropriate compensation for a certified forensic pathologist with Dr. Lear's level of experience and skill, and who is performing post-mortem examinations, is at least \$320,000.00; and

WHEREAS, the Board of County Commissioners has further determined that it would be appropriate to compensate Dr. Lear in the total amount of \$320,000.00 per year during her term of office beginning in January of 2023, with the amount that is in addition to her statutory salary being specifically for her services in supervising and performing post-mortem examinations; and

WHEREAS, Dr. Lear and the Board of County Commissioners are desirous of entering into a Memorandum of Understanding regarding the scope of her work on behalf of Arapahoe County and its citizens and her compensation therefore, as well as the terms of her use of County facilities and equipment for the provision of services to other clients.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Arapahoe County that the total compensation of Dr. Kelly Lear, Arapahoe County Coroner, for her term beginning in January of 2023 and ending in January, 2027 shall be \$320,000.00 per year, contingent upon Dr. Kelly Lear executing a Memorandum of Understanding acceptable to the Board of County Commissioners.

BE IT FURTHER RESOLVED by the Board of County Commissioners of Arapahoe County to authorize the Chair of the Board of County Commissioners to sign a Memorandum of Understanding by and between the Board of County Commissioners of Arapahoe County and Dr. Kelly Lear, Arapahoe County Coroner, in such form as approved by the County Attorney's Office.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-341 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the Chair of the Board of County Commissioners to sign the Agreement for Services by and between Arapahoe County and Advent Financial Systems, LLC and to authorize the Arapahoe County Sheriff to sign any amendments and subsequent extensions thereto for the purpose of providing debt collection at the Arapahoe County Sheriff's Office Detention Facility, for the period of 12/1/2022 to 11/30/2023, at the rates set forth in the Agreement, pursuant to the terms contained therein.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-342 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, the Board of County Commissioners of Arapahoe County met at a duly and lawfully called meeting held on Tuesday, the 6th day of December 2022; and

WHEREAS, pursuant to C.R.S. § 39-8-102, the Board, in its role as the County Board of Equalization ("CBOE"), annually reviews assessed property valuations and corrects "any errors made by the assessor, and, whenever in its judgment justice and right so require, it shall raise, lower, or adjust any valuation for assessment in the assessment roll to the end that all valuations for assessment of property are just and equalized within the county"; and

WHEREAS, agreements to settle property tax protests filed with the Board of Assessment Appeals ("BAA") have been reached on the BAA matters noted below through discussions involving the CBOE Appeals Coordinator, the County Attorney's Office, the Assessor's Office, and the taxpayers' representatives; and

WHEREAS, these agreements have been reached between the taxpayers and the County to change the valuations for assessment as noted, in an effort to further the goal of ensuring that all valuations for assessment are just and equalized within the County; and

WHEREAS, based upon the evidence submitted to the Board on this date, the Board has no reason to disagree with the proposed Stipulations.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County as follows:

The Board, hereby authorizes the Arapahoe County Attorney to settle the following property tax protests filed with the BAA, for the tax years listed below:

Docket #	Property Owner	Tax Year
2021BAA2399	DDC Hotels Inc,	2021
2022BAA145	A & E Ventures - Dartmouth LLC	2019/2020
2022BAA149	Englewood Colorado Investment Company LLC	2019/2020
2022BAA155	BSF Investment Group LLC	2020

After review by the County Attorney's Office, in conjunction with the Arapahoe County Assessor's Office and the Petitioners, evidence was submitted which supported the Stipulations and the Petitioners agreed to a new value. The Assessor has recommended approval pursuant to the terms contained within the Stipulations. Based upon the evidence submitted to the Board on this date, the Board has no reason not to concur with the proposed Stipulations.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-343 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the Chair of the Board of County Commissioners to sign the Arapahoe County Community Wildfire Protection Plan (CWPP) as presented today.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-344 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, Section 30-11-125 of the Colorado Revised Statutes (CRS) provides that any County which has adopted a Building Code may require that persons who engage in the Building Contractor business first obtain a License from the County prior to providing Building Contractor services within the unincorporated territory of the County; and

WHEREAS, said CRS 30-11-125 authorizes Counties to include provisions in such licensing programs to, among other things, establish procedures for obtaining and renewing such License, establish testing and certification requirements for a License, establish a reasonable fee to cover the costs of the licensing program, and to specify grounds for revocation or suspension of such License; and

WHEREAS, Arapahoe County has adopted and enforces the current International Building Code (IBC) and the current approved IBC amendments and the current International Residential Code (IRC) and the current approved IRC amendments in Arapahoe County; and

WHEREAS, the Board of County Commissioners by Resolution No. 180258 adopted a Contractor Licensing Program pursuant to CRS 30-11-125, and Building Division of the Arapahoe County Public Works and Development Department has recommended that the Board adopt certain amendments to the Contractor Licensing Program previously adopted; and

WHEREAS, the Board adopted such recommended amendments by Resolution No. 22-222; and

WHEREAS, Building Division staff have recommended additional minor amendments to correct a typographical error regarding solar contractor licenses and a clarification regarding mechanical contractor licenses; and

WHEREAS, the Board finds that proposed amendments as described in this Resolution adopting a Contractor Licensing Program will serve to protect the public health, safety, and welfare of County residents; and

NOW, THEREFORE, the Board of County Commissioners of Arapahoe County, Colorado hereby resolves to adopt the following revised and amended Contractor Licensing Program applicable to the unincorporated territory of the County:

BUILDING CONTRACTOR LICENSING PROGRAM FOR UNINCORPORATED ARAPAHOE COUNTY

Definitions

1. As used in this Resolution, the following terms shall have the following meanings:
 - a. Board of Review means the duly appointed Board of Review for Arapahoe County, Colorado as provided in CRS 30-28-206.
 - b. Building Code or Arapahoe County Building Code means the Building Code duly adopted and in force in the unincorporated territory of Arapahoe County, Colorado, currently the International Building Code (IBC) and the current approved IBC amendments and the current International Residential Code (IRC) and the current approved IRC amendments.

- c. Building Contractor means any person who for compensation directs, supervises, or undertakes any work for which a building permit is required under the Arapahoe County Building Code.
- d. Building Official means the Arapahoe County Building Division Manager or his or her designee.
- e. Person means any individual, corporation, limited liability company, partnership, association, or other legal entity.
- f. Individual means an individual human.

Licensing Requirements and Prohibitions

- 1. No person shall engage in the business of a Building Contractor or perform any building, construction, remodeling or other services for which a building permit is required under the Arapahoe County Building Code in the unincorporated territory of Arapahoe County without first obtaining a License from the Building Division of the Arapahoe County Public Works and Development Department.
- 2. No Building Contractor shall perform any building, construction, remodeling, or other work for which a building permit is required under the Arapahoe County Building Code, unless such work is authorized under the scope or limits of the type of License for which the Building Contractor has been licensed under this Resolution.
- 3. Types of Licenses:
 - a. CLASS "A" Building Contractor. This License shall entitle the holder to contract for the construction, alteration, installation, or repair pertaining to: tenant finish, fire suppression, elevators, and/or signs (Other than Fascia) of Commercial structures permitted by the International Building Code.
 - b. CLASS "B" Building Contractor. This License shall entitle the holder to contract for the construction, alteration, or repair of Commercial and Residential structures as permitted by the International Building Code and/or the International Residential Code.
 - c. CLASS "C" Building Contractor. This License shall entitle the holder to contract for the construction, alteration, or repair of Residential structures, to include: single-family homes, townhomes, duplexes, basement finishes, decks, patios covers, residential elevators, garages, carports, siding, windows, doors, Manufactured Homes, Modular Homes, and structures regulated by the MHIP program and as permitted by the International Residential Code.

- d. CLASS "D" Building Contractor. This License shall entitle the holder to contract for the performance of work related to: painting and drywall, concrete, masonry, pools/spas, demolition, excavation, sign installation (Fascia only), fire alarm / detection, access control, low-voltage / data, oil & gas, special events, green energy and special applications.
- e. CLASS "A" Mechanical Contractor. This License shall entitle the holder to perform any work in the heating, ventilation, and air-conditioning trades in nonresidential buildings.
- f. CLASS "B" Mechanical Contractor. This License shall entitle the holder to perform any work in the heating, ventilation, and air-conditioning trades in both residential and non-residential buildings.
- g. CLASS "C" Mechanical Contractor. This License shall entitle the holder to perform any work in the heating, ventilation, and air-conditioning trades in residential-only buildings.
- h. Radon Contractor. This License shall entitle the holder to perform the installation, alteration, repair of radon mitigation systems only. (Mechanical)
- i. Water Conditioner Contractor. This License shall entitle the holder to perform the installation, alteration, repair of water conditioner systems only. (Plumbing)
- j. Fire Alarm Systems Contractor. This License shall entitle the holder to perform fire alarm and detection systems installation.
- k. CLASS "A" Roofing Contractor. This License shall entitle the holder to perform roofing work as it pertains to commercial structures.
- l. CLASS "B" Roofing Contractor. This License shall entitle the holder to perform roofing work as it pertains to both residential and commercial structures.
- m. CLASS "C" Roofing Contractor. This License shall entitle the holder to perform roofing work as it pertains to residential-only structures.
- n. CLASS "A" Solar Contractor. This License shall entitle the holder to perform installation of photovoltaic (PV) systems as it pertains to commercial structures.
- o. CLASS "B" Solar Contractor. This License shall entitle the holder to perform installation of photovoltaic (PV) systems as it pertains to both residential and commercial structures.

- p. CLASS “C” Solar Contractor. This License shall entitle the holder to perform installation of photovoltaic (PV) systems as it pertains to residential-only structures.
 - q. CLASS “A” Retaining Wall / Fence Contractor. This License shall entitle the holder to perform retaining wall / fence work as it pertains to commercial structures.
 - r. CLASS “B” Retaining Wall / Fence Contractor. This License shall entitle the holder to perform retaining wall / fence work as it pertains to both residential and commercial structures.
 - s. CLASS “C” Retaining Wall / Fence Contractor. This License shall entitle the holder to perform retaining wall / fence work as it pertains to residential-only structures.
- 4. Unless exempted under this Resolution, prior to engaging in the business of a Building Contractor or performing any of the types of Contractor services described in this Resolution in the unincorporated territory of Arapahoe County, all persons must apply for and obtain an appropriate License for that type of Building Contractor. Such application shall be made to the Arapahoe County Building Official.
 - 5. Upon receipt of an application for a License, the Building Official shall review such application to determine whether the applicant meets the qualifications required by this Resolution and, if so, shall issue the License forthwith. If the Building Official determines that additional time is needed to review the application, the Official shall issue a provisional License within seven (7) days of filing the application and shall make a final determination on the application either approving or denying the application within forty-five (45) days of the date the application was filed. The applicant may perform the appropriate Building Contractor services under the provisional License until such time as a non-provisional License is issued or denied. If the Building Official fails to issue or deny the non-provisional License within this forty-five (45) day period, the Contractor may continue in the business until the end of the calendar year at which time, the Contractor must apply for a License and shall not operate without a provisional or final License having been issued for that calendar year. However, no provisional License shall be issued unless the applicant provides proof of the insurance coverage required under this Resolution.
 - 6. Licenses shall be required annually and each license issued will expire one year from when it was issued or renewed. No building permits may be obtained, nor may work already under permit be continued, until the Contractor obtains an active license.

Qualifications for Contractor’s License

- 1. In order to qualify for a Contractor’s License under this Resolution, a person shall meet the following experience and certification qualifications as appropriate for the class of License sought:

- a. Class "A" and Class "B" Building Contractors shall be required to furnish proof of ICC Building Contractor CLASS "A" or "B" certifications or equivalent certification by a recognized state or national certification entity.
 - b. Class "C" Building Contractors shall be required to furnish proof of ICC Building Contractor CLASS "C" certification or equivalent certification by a recognized state or national certification entity.
 - c. Class "D" Building Contractors shall be required to furnish proof of any required ICC certification where applicable for the respective trade or equivalent certification by a recognized state or national certification entity and shall be required to furnish proof of at least one (1) year experience in the respective trade.
 - d. Mechanical Contractors shall be required to furnish proof of ICC Building Contractor CLASS "A", CLASS "B" or CLASS "C" certification or equivalent certification by a recognized state or national certification entity or similar licensing by a state or local governmental entity in Colorado or another state in the United States.
 - e. Radon Contractors and Water Conditioner Contractors shall be required to furnish proof of active registration with the Department of Regulatory Agencies as required by State Law.
 - f. Fire Alarm Systems Contractor shall furnish proof of at least one (1) year of experience in the fire alarm systems installation trade or proof of an active NICET Level II fire alarm certificate.
 - g. All Contractors shall be required to provide active licensure as issued by the Department of Regulatory Agencies, the International Code Council and any/all other governing bodies where applicable and required by State Law.
 - h. Individuals who possess an active and direct trade-related license as a Colorado Licensed Professional Engineer, and if recognized as the Engineer in responsible charge with the project of record, may be accepted in lieu of ICC certification.
2. At the time of application for a License, all Building Contractors required to be licensed under this Resolution shall provide proof of liability insurance coverage and , if required under State law for the Contractor, workers' compensation insurance coverage (if required under State law and shall maintain such coverage(s) through the term of the Contractor's License and any renewals. Such insurance coverage shall meet following minimum standards:
 - a. The liability insurance policy shall insure the Contractor against liability for damages arising out of the negligent acts, errors and omissions of the Contractor, the

Contractors' partners, members, and employees in the performance of the Contractor's business.

b. The liability policy shall provide coverage in the minimum amount of \$2,000,000 (single occurrence) for all Contractors holding a type A or B certification and in the minimum amount of \$1,000,000 (single occurrence) for all other Contractors required to obtain a License under this Resolution.

c. The workers' compensation policy, if required under State law for the Contractor, shall meet the minimum coverage amounts required under State law. If the Contractor is not required under State law to maintain workers' compensation insurance as a sole proprietor with no employees, the Contractor must complete a waiver of workers' compensation insurance form as part of the Contractor's License application.

d. All Building Contractor's policies of liability insurance coverage shall name Arapahoe County as an additional insured and the policies shall provide for notification to Arapahoe County of the cancellation or termination of such policies.

3. Provided that the respective insurance and certification and/or experience requirements are met, the Building Official may recognize similar licensing by another local governmental entity in Colorado or another state in the United States as evidence of qualification, provided that such other licensing is based on contractor qualification requirements that meet or exceed those set forth in this Resolution.

Exemptions

1. The licensing requirements of this Resolution do not apply to any individual desiring to perform repair or maintenance work on his or her own property; nor shall they prohibit a person from employing an individual who is not licensed under this Resolution, on either a full or part-time basis, to perform repair or maintenance work on his or her own property.
2. Electrical Contractors, required to be licensed under Article 23 of Title 12 of the Colorado Revised Statutes, and Plumbing Contractors, required to be licensed under Article 58 of Title 12 of the Colorado Revised Statutes, are not required to obtain a License under this Resolution.
3. Any individual whose sole function is to perform labor under the supervision or direction of a Building Contractor, Licensed under this Resolution, is not required to obtain a separate License for purposes of performing labor under the direction of the Building Contractor.

Suspension or Revocation of a License

1. The Building Official is authorized to initiate revocation or suspension of any license for the following reasons:

- a. Failure to maintain required insurance coverage through the full term of the License.
 - b. Having made any false or misleading statement or submitted any false or misleading documentation in making application for the License.
 - c. Failure to comply with any lawful order of the Building Official or any other authorized representative of the Building Division pertaining to the administration of the Building Code, including, but not limited to, the failure to observe any stop work order or correction notice.
 - d. Using a Contractor's License to obtain a building permit for any other person required to be licensed under this Resolution who is not so licensed or whose License has been suspended or revoked.
 - e. Failure to obtain a proper building permit for any work for which a permit is required.
 - f. The knowing violation of any of the requirements or prohibitions stated in this Resolution.
2. Prior to any proposed suspension or revocation of a License, the Building Official shall provide written notice to the Building Contractor stating the grounds for such proposed suspension or revocation. Such notice shall specify a time and date for a hearing before Board of Review at which hearing the Building Contractor shall appear to show cause why his or her License should not be suspended or revoked. At such hearing, the Building Official shall present evidence to the Board of the grounds for such proposed suspension or revocation and the Contractor shall have the right to present evidence to rebut or refute the Building Official and to conduct reasonable cross-examination of the Building Official or any witnesses. At the conclusion of such hearing, as warranted by the evidence presented, the Board may revoke or suspend the License as it determines appropriate or dismiss the proceedings and reinstate the License.
3. A License may be suspended for a period of up to thirty (30) days. If a Building Contractor's License is suspended, the Contractor shall not perform any contracting services for which a License is required under this Resolution in unincorporated Arapahoe County for the duration of the period of suspension. If a License is suspended for failure to maintain required insurance coverage such License shall remain suspended and may not be reinstated until the Contractor provides proof that he or she has obtained or re-instated the required insurance coverage.
4. If a License is revoked, the Building Contractor shall not perform any contracting services in unincorporated Arapahoe County for the remainder of that calendar year and must then

apply for reinstatement and obtain a new License prior to performing any Contractor services in the unincorporated Arapahoe County for the next and subsequent calendar years.

5. During the period from the date of the Building Official's written notice to the Building Contractor to show cause to the date of the hearing before the Board of Review, no building permits will be issued to the Contractor or his or her representatives. If the Board of Review suspends or revokes a License, no building permits will be issued to the Contractor or his or her representatives for the duration of the suspension or until a revoked License has been reinstated.

Fees

1. The Board hereby authorizes the Building Division to charge a fee for the issuance and renewal of Contractor Licenses to cover the cost of operating this Contractor Licensing Program. The fees for an annual (12-month) License shall be as follows:
 - a. Class "A" and "B" Building, Solar, Mechanical, Roofing, Retaining Wall Contractor: \$360.
 - b. Class "C" Building Contractor: \$180.
 - c. Class "D" Building Contractor: \$84.
 - d. Class "A" and "B" Mechanical Contractor: \$360.
 - e. Class "C" Mechanical Contractor: \$180.
 - f. Fire Alarm Systems Contractor: \$132.
2. Contractors shall pay, at the time of submission of the License application, the amount due for each particular class of Contractor's License applied for as provided in section 19 above. Licenses shall be deemed active for a period of one year from the date of initial application or date of renewal.
3. Class "D" Contractors, other than Fire Alarm / Detection Contractors shall be subject to a flat fee of \$84.00 for a one-year license.
4. The above fees are established in the amounts determined to be to reasonably necessary cover the County's expenses in operating and maintaining this Contractor Licensing program. However, the Arapahoe County Building Official is hereby directed to evaluate the fees established under this Resolution at least every two (2) years, and shall then report and recommend to the Board on whether the amount of the fees should be modified in order to reasonably cover the costs to the program.

Miscellaneous

1. Unless a person is exempted from the Licensing requirement under this Resolution, building permits for work within unincorporated Arapahoe County will be only be issued to Building Contractors who are licensed under this Resolution or their authorized representatives.

2. The failure to comply with the requirements of this Resolution may be enforced through legal proceedings in a court of competent jurisdiction for injunctive relief to enjoin any violation.
3. The Contractor Licensing Program established under this Resolution is an emergency measure for the protection of the public health, safety, and welfare.
4. The amendments adopted under this Resolution No. 22-344 to the Contractor Licensing Program adopted by Resolution No. 22-222 shall take effect immediately. However, as specified in Resolution No. 22-222, Contractor Licenses were in effect as of August 30, 2022, shall remain in effect until their current expiration date. All other new license applications or renewals of existing Licenses, will be processed in accordance with this Resolution 22-344. No Building Contractor required to obtain a License hereunder shall perform any contract services for which a building permit is required under the Arapahoe County Building Code in unincorporated Arapahoe County, except as authorized herein.
5. This Resolution is an update to and replaces Resolution No. 22-222.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-345 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the Chair of the Board of County Commissioners to approve the final set of Exhibits for the 2023 Intergovernmental Agreement between Arapahoe County and the City of Centennial for Law Enforcement and Public Safety Services.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-346 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to approve the October 2022 Veteran Services Office Monthly Reports.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

RESOLUTION NO. 22-347 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, on November 8, 2022, the Arapahoe County Board of County Commissioners (the Board) adopted Resolutions Nos. 22-300A, 22-300B, 22-300C, 22-300D, 22-300E, 22-300F, 22-300G, 22-300H, 22-300I, and 22-300J, approving and accepting the described real property interests for right of way, permanent and temporary easements for road use for the Inverness Road Bike Path and Roundabouts Project; and

WHEREAS, these Resolutions inadvertently omitted needed authorization to the Director of Public Works and Development to execute the documents, including the permanent and temporary easement agreements, needed to close on the conveyance of the property interests acquired by the County; and

WHEREAS, the Board desires to correct Resolutions Nos. 22-300A, 22-300B, 22-300C, 22-300D, 22-300E, 22-300F, 22-300G, 22-300H, 22-300I, and 22-300J by adding language to authorize the Director of the Arapahoe County Department of Public Works and Development to execute such closing documents, including easement agreements, as necessary to complete acquisition of the properties.

NOW THEREFORE, the Arapahoe County Board of County Commissioners hereby resolves as follows:

1. The Clerk and Recorder is directed to correct Resolution Nos. 22-300A, 22-300B, 22-300C, 22-300D, 22-300E, 22-300F, 22-300G, 22-300H, 22-300I, and 22-300J by adding the following language to each Resolution:

“The Director of the Arapahoe County Public Works and Development is hereby authorized to execute such documents, including permanent and temporary easement agreements, as are necessary to close on and acquire for the County the property interest described in this Resolution.”

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-348 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to approve the revised Intergovernmental Agreement (IGA) with the Town

of Foxfield to provide for certain road maintenance activities by County forces on the segment of Arapahoe Road that is within the jurisdiction of the Town and to authorize the Director of Public Works and Development to sign the revised IGA, contained in the packet for this agenda item, on behalf of Arapahoe County; and further to rescind the Board's approval of the version previously approved by Resolution No. 22-283.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-349 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to approve an oil and gas lease for certain County owned land consisting of 6.66 acres for property located in Township 5, Range 64, Section 6 and Township 5, Range 65, Section 1, by and between Arapahoe County and Crestone Peak Resources Watkins Holdings LLC, pursuant to the terms contained therein, and to authorize the Board Chair to execute the lease subject to the County Attorney's review of the lease and approval as to form.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion passed and so ordered.

RESOLUTION NO. 22-350 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to approve an oil and gas lease for certain County owned land consisting of 3.20 acres for property located in Township 4, Range 65, Section 6 and Township 5, Range 65, Sections 5 and 6, by and between Arapahoe County and Axis Exploration, LLC, pursuant to the terms contained therein, and to authorize the Board Chair to execute the lease subject to the County Attorney's review of the lease and approval as to form.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion passed and so ordered.

RESOLUTION NO. 22-351 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the Chair of the Board of County Commissioner to sign the

twenty-two (22) Aid to Agencies agreements and any amendments, subject to final approval as to form by the County Attorney's Office and contingent upon the 2023 Arapahoe County budget adoption, in the total amount of Two Million Seventy-Nine Thousand Four Hundred Fourteen dollars (\$2,079,414) for the 2023 calendar year.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-352 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the *Secure Transportation Policy* as presented on today's date to ensure compliance with HB 21-1085.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-353 It was moved by Commissioner Baker and seconded by Commissioner Holen to approve the submitted warrant disbursement register, dated November 14, November 21, and November 28, 2022, reviewed by the Board of County Commissioners on this date. The Arapahoe County Finance Officer, Chair of the Board of Social Services, and the Chair of the Board of County Commissioners are hereby authorized to sign same. All pre-paid and statutory Social Service warrants are hereby authorized for payment this week, subject to inclusion on the warrant disbursement register next week and ratification by the Board of County Commissioners.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes;

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-354 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, pursuant to C.R.S. § 30-10-306, boundaries for county commissioner districts must be established, revised, or altered after each federal census of the United States; and

WHEREAS, the United States Census Bureau completed the 2020 decennial census and the redistricting population data has been prepared by the staff of the Colorado Legislative Council and Colorado Office of Legislative Legal Services; and

WHEREAS, on April 29, 2021, the Colorado Legislature passed HB 21-1047 concerning the drawing of voting districts by county governments, which set forth a new process for conducting county commissioner redistricting and requires that the redistricting process be completed by September 30 of the second odd-numbered year following the federal census; and

WHEREAS, pursuant to C.R.S. § 30-10-306.1, the board of county commissioners in each county that has any number of its county commissioners not elected by the voters of the whole county must designate a county commissioner district redistricting commission in order to adopt a plan to divide the county into as many districts as there are county commissioners elected by voters of their district; and

WHEREAS, pursuant to C.R.S. 30-10-306(6)(b), a county commissioner redistricting commission can be made up solely of the members of a county's board of county commissioners; and

WHEREAS, pursuant to C.R.S. § 30-10-306(6)(a), the board of county commissioners may delegate any function of the redistricting commission, except the final adoption of a redistricting plan, to an advisory committee that is composed of an equal number of members who are affiliated with the state's largest political party, affiliated with the state's second largest political party, and not affiliated with any political party; and

WHEREAS, pursuant to C.R.S. § 30-10-306.2(1), the board of county commissioners shall appoint staff as needed to assist the redistricting commission and advisory committee; and

WHEREAS, pursuant to C.R.S. § 30-10-306.4(1), the board of county commissioners shall establish deadlines to ensure that the redrawing of county commissioner districts is accomplished by no later than September 30 of the redistricting year; and

WHEREAS, pursuant to C.R.S. § 30-10-306.4(1)(d), the board of county commissioners as the redistricting commission may provide direction for the development of plans for county commissioner districts through the adoption of standards, guidelines, or methodologies to which staff and the advisory committee shall adhere; and

WHEREAS, the Arapahoe County Board of County Commissioners desires to adopt this resolution for purposes of establishing the Arapahoe County Redistricting Commission, to establish and appoint a 9-member Arapahoe County Redistricting Advisory Committee, to designate the nonpartisan county staff who are appointed to assist the Redistricting Commission and Advisory Committee, and to satisfy all other statutory duties and responsibilities to ensure timely completion of the county commissioner redistricting process for Arapahoe County.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that the Arapahoe County Redistricting Commission (“Redistricting Commission”) is hereby created and established, which is to be made up of the members of the Arapahoe County Board of County Commissioners.

BE IT FURTHER RESOLVED by the Board of County Commissioners that the Arapahoe County Redistricting Advisory Committee (“Advisory Committee”) is hereby established, which shall consist of the following nine members with a limited term to expire on or before September 30, 2023:

1. Karen Fisher, Republican
2. William McCartin, Republican
3. Stephanie Piko, Republican
4. Carolyn Boller, Democrat
5. Michael E. Dell’orfono, Democrat
6. Diana Holland, Democrat
7. Carson Green, Unaffiliated
8. Debra Johnson, Unaffiliated
9. David Kerber, Unaffiliated

BE IT FURTHER RESOLVED that the following persons are selected as alternate members to the Advisory Committee, whose participation will be contingent on if a regular member of the Advisory Committee who shares the same party affiliation is unable to fulfill their commitment:

1. Caroline Penaloza, Republican Alternate
2. Mary Vobejda, Democrat Alternate
3. Freda Miklin, Unaffiliated Alternate

BE IT FURTHER RESOLVED that the Board of County Commissioners hereby appoints the following staff to assist the Redistricting Commission and Advisory Committee:

- Clerk & Recorder’s Office
 - Director of Elections (employee to be hired in 2023)
 - Bill Mast, Voter Services Manager
 - Alex Floeckher, Election Mapping Coordinator
 - Corene Henage, Election Service Manager
 - Karl Herrmann, Chief Deputy
- Commissioners’ Office
 - Kendra Davis, Management Analyst II
 - Chris Henning, Communications Manager
 - Tom Skelley, Communications Business Partner
 - Michelle Halstead, Director
- County Attorney’s Office
 - Monica Kovaci, Senior Assistant County Attorney
 - John Christofferson, Deputy County Attorney
 - Ron Carl, County Attorney

- Information Technology
 - Dominick Cisson, Senior GIS Administrator
- Public Works and Development
 - Larry Mugler, Planner/Project Specialist

BE IT FURTHER RESOLVED that the Advisory Committee shall conduct its work to ensure that it holds separate public hearings in each commissioner district, that its drafting of proposed plans use the current county commissioner boundaries as a starting point, and that the Advisory Committee complies with any other standards, guidelines, or methodologies to be issued by the Arapahoe County Board of County Commissioners as the Redistricting Commission.

BE IT FURTHER RESOLVED that the Advisory Committee shall attempt to reach consensus on all matters, especially the selection of the three plans to be proposed to the Redistricting Commission, and if consensus cannot be reached then decisions are to be by majority vote;

BE IT FURTHER RESOLVED that the Advisory Committee shall conduct its work to ensure that it completes the following items by no later than the deadlines established by the Board of County Commissioners to ensure the timely completion of the county commissioner redistricting process and the adoption of a final plan.

- **Completed** – the creation of a website and a method for County residents to present testimony.
- **April 28, 2023** – last date for the public to submit proposed plans through the County's website.
- **June 16, 2023** – deadline for the Advisory Committee to have held at least five public hearings (one in each commissioner district) to receive public feedback, and to have created, presented and published online three plans for consideration by the Redistricting Commission.
- **July 21, 2023** – deadline for any member of the Redistricting Commission (as a group or individually) to request additional plans or amendments to proposed plans.
- **August 3, 2023** – last date for the public to submit written comments through the County's website.
- **August 8, 2023** – deadline for the adoption of a final plan by the Redistricting Commission.

BE IT FURTHER RESOLVED that the Board of County Commissioners wishes this process to be conducted in a respectful manner to all parties involved and is grateful for the active participation of the Arapahoe County community in the redistricting process.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; and Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO 22-355

It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the expenditure of one-time funding received from the Metropolitan Football Stadium District (MFSD) for uses consistent with Title 33 of the MFSD Lease and Management Agreement. The funds shall be allocated to the following departments for youth activity programs, consistent with the Nov. 29, 2022, study session, subject to biannual expenditure reporting to the Board:

- Community Resources: \$92,822
- Human Services: \$250,000
- Open Spaces: \$95,000
- Commissioners' Office: \$200,000

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-356

It was moved by Commissioner Baker and duly seconded by Commissioner Holen to approve conveyance of and authorize the Chair to sign a Quitclaim Deed conveying a permanent easement previously granted to Arapahoe County to **South East Metro Stormwater Authority**, pursuant to the terms contained therein.

LEGAL DESCRIPTION:**PERMANENT EASEMENT**

A PERMANENT EASEMENT NO. PE-8 OF THE DEPARTMENT OF TRANSPORTATION, STATE OF COLORADO, PROJECT NO. STU C100-003 CONTAINING 3101 SQUARE FEET MORE OR LESS, BEING A PART OF THAT TRACT OF LAND DESCRIBED IN THAT DEED RECORDED IN BOOK 2731 AT PAGE 680 UNDER RECEPTION NO. 1711982 IN THE OFFICE OF THE CLERK AND RECORDER, SAID PARCEL BEING A PART OF PUBLIC OUTLOT "A" AS DEFINED BY **FOREST PARK – FILING NO. THREE** AS RECORDED OCTOBER 16, 1973 IN PLAT BOOK 25 AT PAGES 32 AND 33 UNDER RECEPTION NO. 1386725 IN SAID CLERK AND RECORDER'S OFFICE, SAID PUBLIC OUTLOT "A" SITUATED IN THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 5 SOUTH, RANGE 68 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF ARAPAHOE, STATE OF COLORADO, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE ABOVE REFERENCED PARCEL, WHENCE THE NORTHWEST CORNER OF SAID SECTION 36, AS MONUMENTED BY A PIN AND CAP LS#8953 LOCATED IN A RANGE BOX, BEARS N 85° 22' 29" W, 938.97 FEET, SAID POINT BEING 70.00 FEET, AS MEASURED AT RIGHT ANGLES,

SOUTHERLY FROM THE NORTH LINE OF SAID NORTHWEST ONE-QUARTER;
THENCE ALONG THE EASTERLY LINE OF SAID PUBLIC OUTLOT "A" THE
FOLLOWING TWO (2) COURSES:

1) S 04° 53' 33" E, 49.85 FEET TO AN ANGLE POINT IN SAID LINE;
2) S 23° 21' 00" W, 43.84 FEET TO A POINT 160.00 FEET, AS MEASURED AT
RIGHT ANGLES, SOUTHERLY FROM SAID NORTH LINE; THENCE N 89° 39' 00" W,
PARALLEL WITH SAID SOUTH LINE, 22.42 FEET; THENCE N 00° 21' 00" E, 90.00 FEET
TO A POINT 70.00 FEET, AS MEASURED AT RIGHT ANGLES, SOUTHERLY FROM THE
NORTH LINE OF SAID

SOUTHWEST ONE-QUARTER, SAID POINT BEING ON THE SOUTHERLY RIGHT-OF-
WAY LINE OF DRY CREEK ROAD; THENCE

S 89° 39' 00" E, ALONG SAID SOUTHERLY LINE, 35.00 FEET TO THE **POINT OF
BEGINNING.**

THE ABOVE DESCRIBED PARCEL CONTAINS 3101 SQUARE FEET MORE OR LESS.
THE BASIS OF BEARINGS FOR THE ABOVE DESCRIBED PARCEL IS THE BEARING
BETWEEN THE NORTHWEST CORNER OF SECTION 36 AS MONUMENTED WITH A
PIN AND CAP LS#8953 IN A RANGE BOX AND THE WEST ONE-QUARTER CORNER
OF SECTION 25 AS MONUMENTED WITH A 3 1/4" ALUMINIM CAP LS#26280 IN A
RANGE BOX, BOTH IN THE TOWNSHIP 5 NORTH, RANGE 68 WEST OF THE SIXTH
PRINCIPAL MERIDIAN. SAID BEARING BEING N 00° 32' 16" W (TRUE) AS
DETERMINED FROM GPS OBSERVATIONS ON SAID MONUMENTS AND ADJUSTED
FOR CONVERGENCE ON THE NORTHWEST CORNER OF SECTION 36. THE ABOVE
PARCEL DESCRIPTION WAS PREPARED BY DAVID L. STUFFLEBEAM UNDER THE
SUPERVISION OF DAVID D. DIFULVIO, PLS NO. 16401.

FOR AND ON BEHALF OF BENCHMARK SURVEYING, LTD 7430 EAST CALEY
AVENUE SUITE 120 ENGLEWOOD, COLORADO 80401.

This conveyance is upon the recommendation of the County's Engineering Services Division and
Director of the Public Works and Development Department.

Authorization is hereby given to the Chair of Board of County Commissioners to execute the Quit
Claim Deed on behalf of the Board of County Commissioners.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes;
Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-357 It was moved by Commissioner Baker and duly seconded by
Commissioner Holen to authorize the Chair to sign an Intergovernmental Agreement between
Arapahoe County and the Arapahoe County Public Airport Authority regarding expenses for

maintenance and snow removal on interior roads at the Centennial Airport, and to also sign a Permanent Roadway and Slope Drainage Easement Agreement between these two parties for Isbill Drive, and once signed such easement is deemed accepted on behalf of Arapahoe County. The authorization to sign granted to the Chair pursuant to this resolution is conditioned upon approval by the County Attorney's Office and the Public Airport Authority as to the form of the agreements.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; and Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-358 It was moved by Commissioner Baker and seconded by Commissioner Holen to make the following reappointments to the following citizen boards and committees, representing Arapahoe County beginning December 6, 2022, for terms as prescribed below:

1. **Arapahoe County Foundation.** Pursuant to the Foundation's by-laws:
 - a. Appoint Midori Clark for a three-year term.
2. **Board of Adjustment.** Pursuant to 30-289-117, C.R.S. and the Arapahoe County Zoning Resolution:
 - a. Appoint Michael Frishman as an associate member for a one-year term.
3. **Cultural Council.** Pursuant to the Council's bylaws:
 - a. Appoint David Durkee for a three-year term.
 - b. Appoint Binisha S for a three-year term.
4. **Fair Planning Committee.** Pursuant to Resolution No. 87-78 and the Committee's bylaws:
 - a. Appoint Matt Lanphier for a one-year term.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes;

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-359 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to authorize the Chair of the Board of County Commissioners to sign the Waiver of Solicitation and the Agreement for Services by and between Arapahoe County and Arapahoe Library District and to authorize the Arapahoe County Sheriff to sign any amendments and subsequent extensions thereto for the purpose of providing Inmate Library Services at the

Arapahoe County Sheriff's Office Detention Facility, for the period of January 1, 2023 to December 31, 2023, in an amount not to exceed \$303,000, at the rates set forth in the Agreement, pursuant to the terms contained therein.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-360 It was moved by Commissioner Sharpe and duly seconded by Commissioner Baker to adopt the following resolution.

WHEREAS, The Arapahoe County Board of County Commissioners has adopted and enforces the Arapahoe County *Grading, Erosion, and Sediment Control (GESC) Manual* in accordance with and as required under the County's Municipal Separate Storm Sewer System (MS4) permit from the Colorado Department of Public Health and Environment; and

WHEREAS, the *GESC Manual* was amended on June 25, 2019 under Resolution 190350; and

WHEREAS, the *GESC Manual* applies to the entire unincorporated territory of the County and include the boundary area for the MS4 permit as is required by the County's MS4 permit; and

WHEREAS, Engineering Division staff has reviewed the *GESC Manual* and found that minor changes are necessary to update outdated and unnecessary information; clarify the roles and responsibilities of the Southeast Metro Stormwater Authority (SEMSWA) and the County; clarify that the County can also implement all provision of the *GESC Manual*; update the table of contents; and clarify that the *GESC Manual* and be applied to areas outside the boundaries of the MS4 permit area on a case-by-case basis; and

WHEREAS, Engineering Services Division staff also recommends adding three additional appendices back into the *GESC Manual* that were in the previous version of the *GESC Manual* and updating the Curb Cut Detail in the Appendix to simplify the requirements; and

WHEREAS, a public hearing on these proposed amendments to the *GESC Manual* was noticed by publication on November 17, 2022 in the Colorado Community Media newspapers, the Littleton Independent, Englewood Herald, and Centennial Citizen, newspapers of general circulation within Arapahoe County, and by publication on November 15, 2022 in the I-70 Scout, a newspaper with circulation in eastern Arapahoe County; and

WHEREAS, on December 6, 2022, a public hearing was held on these proposed amendments to the *GESC Manual*, at which Engineering Division staff presented its recommendations for the proposed changes and the public had opportunity to provide comment

on the proposed changes; and

WHEREAS, the Board agrees with staff's recommendation and desires to adopt the proposed changes to the *GESC Manual*.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners for Arapahoe County, Colorado:

1. That the amendments to the *GESC Manual* be adopted in the form and text as set forth in the attached Exhibit A.
2. That the above amendments to the *GESC Manual* shall take effect January 6, 2023.
3. That all previously adopted versions of the *GESC Manual* are hereby repealed.

EXHIBIT A



ARAPAHOE COUNTY



GESC MANUAL



February
2023

Grading, Erosion and
Sediment Control
Requirements

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1 THE GESC PERMIT PROGRAM

This Grading, Erosion and Sediment Control Manual (*GESC Manual*) describes the permitting program adopted by Arapahoe County (County) to promote environmentally sound construction practices during land disturbing activities. Arapahoe County and the Southeast Metro Stormwater Authority (SEMSWA) are partners in implementing the GESC Program. The GESC Manual is authorized and approved by the Arapahoe County Board of County Commissioners (BOCC), originally adopted on February 22, 2005 and subsequently amended from time to time.

The GESC Permit Program shall apply to the Arapahoe County (County) standard permit area, hereafter referred to as "standard permit area," and to the SEMSWA Non-Standard Permit Areas in the urban unincorporated area of the County, hereafter referred to as the "non-standard permit areas." This will be determined on a case-by-case basis by the County. A map of the County's standard and non-standard permit areas is available on the County's web site (www.arapahoegov.com/) and on ArapaMap (<https://gis.arapahoegov.com/ArapaMAP/>). For those areas of the County outside of the Permit Area zoned A-E or A-1 east of Watkins Road, grading, erosion, and sediment control requirements are established in Chapter 4 of the Arapahoe County *Rural Engineering Standards*.

The goal of the GESC Permit Program is to implement effective erosion and sediment control measures (formerly known as best management practices) as a standard for all land disturbing activities to reduce increases in erosion and sedimentation over pre-development conditions. During the relatively short period of time when undeveloped land is converted to urban uses or developed land is redeveloped, a significant amount of sediment can erode from a construction site and be transported to adjacent properties and receiving waters. Erosion caused by land disturbing activities, and the resulting downstream sedimentation, can damage property and degrade the quality of streams and lakes. Sediment is a transport mechanism for many stormwater pollutants. Eroded sediment can impact riparian and aquatic habitat and, since eroded sediments often contain significant phosphorus, this can lead to unwanted algae growth in lakes and reservoirs. The Southeast Metro Stormwater Authority and the County are committed to protecting water resources and ensuring that future development continues in an environmentally sound manner.

The Cherry Creek Reservoir Control Regulation No. 72 (CR 72) identifies specific requirements for erosion and sediment control measures on construction sites within the Cherry Creek Reservoir Watershed draining into the Cherry Creek Reservoir, including placing limits on the area of land that can be disturbed at any one time. The intent of the regulation is to protect the water quality of the Cherry Creek Reservoir. The County's permit area includes the Cherry Creek Reservoir Watershed area.

SEMSWA is the County's stormwater partner and will implement the GESC Manual in portions of the County. In general, SEMSWA will implement the GESC Manual for the County permit area within the SEMSWA service area. The County will implement the GESC Manual within the County's MS4 permit area outside of the SEMSWA service area and on a case-by-case basis in unincorporated areas of the County. GESC Permits will be issued by either SEMSWA or the County depending on the location of the project.

1.1 INTERPRETATION AND APPLICATION

In the interpretation and application of the provisions of this *GESC Manual*, the following shall govern: These provisions shall be regarded as the minimum requirements for the protection of the health, safety, comfort, convenience, prosperity, and welfare of the public. The GESC Manual shall, therefore, be regarded as remedial and shall be liberally construed to further its underlying purposes.

Whenever a provision in these criteria or any provision in any law, ordinance, resolution, rule or regulation of any kind, contain restrictions covering the same subject matter, **whichever is more restrictive or imposes higher standards shall govern.** If there is a discrepancy in the interpretation of the *GESC Manual*, the SEMSWA or the County Technical Review Committee (TRC), depending on the applicable agency that issued the GESC permit, shall make the final determination of the intent of the *GESC Manual*. Appeals to the TRC shall follow the process outlines in Section 4.12 of this Manual.

If a special district or other government entity with jurisdiction at the site imposes more stringent criteria, such differences are not considered conflicts. When differences arise, the more stringent requirements shall apply. If Federal or State law imposes stricter criteria, standards or requirements on the County through MS4, or other state or federal permits, such shall be incorporated into these requirements after proper notice and public hearing(s) needed to modify the *GESC Manual*.

A GESC Permit is required prior to the start of any land-disturbing activities associated with construction within the County's standard permit area and SEMSWA's non-standard permit area in accordance with the GESC Permitting Matrix found on SEMSWA and the County's web sites, respectively. The County and SEMSWA will manage the roles and responsibilities associated with the GESC program in accordance with their respective internal procedures.

Additionally, any project that the County Public Works and Development Director determines to have an adverse impact on the public right-of-way, public infrastructure, or adjacent property, with respect to grading, erosion, and sediment control will be required to obtain a GESC Permit.

The *GESC Manual* shall not abrogate or annul any permits or approved drainage reports or construction plans issued before the effective date of this *GESC Manual*.

1.4 STATE AND FEDERAL PERMITTING

The State of Colorado and some Federal agencies require separate, additional permits for some construction-related activities. Applicants are responsible for contacting the Colorado Department of Public Health and Environment, Water Quality Control Division (WQCD); Federal Emergency Management Agency; and/or the US Army Corps of Engineers for specific permitting information for a project.

Information on some of the permits that may be applicable are included in the sections below. This is not to be considered a complete list.

STATE PERMITTING

In compliance with the Colorado Discharge permit System (CDPS) Stormwater Permit Program, the State requires that construction projects equal to or greater than 1 acre of disturbance, or less than 1 acre of disturbance if part of a Larger Common Plan of Development or Sale that is 1 acre or more, must obtain a Construction Stormwater General Permit and develop a Stormwater Management Plan (SWMP). It should be noted that a GESC Plan is not a SWMP (see Section 2.7).

In addition, the WQCD has several dewatering general permits. The permits establish water quality standards and control measures for dewatering discharges from construction sites. Additional permitting from the State Engineer's Office may be required if it is determined that there is a consumptive water use or loss.

In addition, air quality permits from the State may also be required.

FEDERAL PERMITTING

Applicants are also responsible for complying with all applicable Federal permits and requirements. This may include, but is not limited to, the Federal Emergency Management Agency (FEMA) map revision process, the United States Army Corps of Engineers (Corps) Section 404 Permit, and the United States Fish and Wildlife Service, Endangered Species Act Section 10 and/or Section 7 Permits. Applicants are advised to confirm the Federal requirements that may apply.

Projects that impact the regulatory floodplain may need to obtain a Conditional Letter of Map Revision (CLOMR) and/or Letter of Map Revision (LOMR) from FEMA. In this case, proper documentation needs to be submitted to FEMA for review and approval.

Excavation activity associated with a dredge and/or fill project in “Waters of the United States” (including streams, open water lakes, ponds, wetlands, etc.) may require a Section 404 Permit and/or other permitting. The level of permitting is dependent on the nature and extent of the disturbances within the water body of interest. The Corps should determine if a Nationwide Permit or an Individual Permit is required. Individual Permits will require more detailed information about the project and preparation of exhibits specific to the project site.

1.6 AMENDMENTS AND REVISIONS

These policies and criteria may be amended and revised as new technology is developed and experience is gained. The BOCC, following the recommendations of the Public Works and Development Director (herein referred to as “Director”), may consider such amendments and revisions. Minor revisions, such as correction of typos or errors, that do not change any policy adopted in this Manual, may be amended with prior notice to the Board of County Commissioners.

1.7 ENFORCEMENT RESPONSIBILITY

The BOCC, acting through the authority of the Director of Public Works and Development and its designee(s), shall enforce the provisions of the GESC Manual.

1.8 SPECIAL CONSIDERATIONS FOR CO-REGULATING MS4 PERMITTEES

To facilitate project permitting and the inspection process, and to avoid the need for duplicate plan review, approval, and permit issuance, SEMSWA or the County may relinquish control of grading, erosion, sediment, and waste control requirements to a neighboring MS4 permittee’s Program if there is an agreement in place with the neighboring entity and a portion of the project is within that other jurisdiction’s program. The neighboring entity may assume full jurisdictional control for construction site stormwater runoff control activities, including plan review and approval, permit issuance, inspections, oversight and enforcement for the entire project, including those areas in the Permit Area, only when a site-specific agreement between the neighboring entity and SEMSWA or the County exists.

Neighboring MS4 permittees may relinquish control of the grading, erosion, sediment, and waste control requirements to SEMSWA or to the County if a portion of the project is within their respective authorized MS4 area. A specific agreement between the neighboring entity and SEMSWA or the County will be required.

SEMSWA and the County shall reserve the right to protect their MS4 systems if contaminated water flows off the project and into the local storm sewer system per SEMSWA's or the County's Illicit Discharge Program, up to and including all remedies available.

2 GESC PERMIT PROCESS CONSIDERATIONS

The GESC Permit Program was developed to ensure adequate design, implementation, maintenance and enforcement of Control Measures for stormwater quality management to prevent or minimize stormwater pollution from construction activities.

Construction activity includes any activity that disturbs the ground or land at the surface (land disturbance), such as, but not limited to, clearing, grading, excavation, demolition, installation of new or improved haul roads and access roads, staging areas, stockpiling of fill materials, and borrow areas. Construction does not include routine maintenance to maintain the original line and grade, hydraulic capacity, or original purpose of the facility. Activities to conduct repairs that are not part of regular maintenance or for replacement are construction activities and are not routine maintenance. Repaving activities where underlying and/or surrounding soil is cleared, graded, or excavated as part of the repaving operation are considered construction activities unless they are an excluded site under Part I.E.4.c.i. Construction activity is from initial ground breaking to final stabilization regardless of ownership of the construction activities. Several administrative considerations have been included in this section to clarify the Permit process.

2.1 WHEN A GESC PERMIT IS REQUIRED

A GESC Permit is required prior to the start of any land-disturbing activities within the standard or non-standard permit areas in accordance with the GESC Permitting Matrix found on the County's website at www.arapahoegov.com and SEMSWA's website at www.semswa.org. Determination of which GESC permit to obtain can be found in section 3 "Type of GESC Permits".

Additionally, any project that the SEMSWA Executive Director or County Public Works and Development Director determines to have an adverse impact on the public right-of-way, public infrastructure, or adjacent property, with respect to grading, erosion, and sediment control will be required to obtain a GESC Permit.

2.2 PROJECTS COVERED UNDER OTHER PERMITS AND/OR PLAN

GESC Permits are required for projects meeting the GESC Permitting Matrix criteria within the standard or non-standard permit area, even if a Federal or State agency, or another jurisdiction, has approved the project and issued their permit(s) for the work. The GESC Plan and Report are specific to the Arapahoe County and/or SEMSWA GESC Permit Programs, and may not meet the requirements of other Federal or State environmental permit programs.

2.3 GESC PERMIT RESPONSIBILITY

GESC Permits shall be signed by both the Project Owner and the Contractor. Prior to issuance of a GESC Permit, the Owner and the Contractor are referred to as "Applicants." After the Permit is issued, both are considered "Permittees" and must comply with the GESC Permitting requirements. The specific contractual relationship between the Owner and Contractor as the Permittees must allow for immediate correction of deficiencies.

A Permittee is defined as "any person(s) who is issued a GESC Permit." The Permittee shall be legally responsible for compliance with the GESC Permit Program. If the Applicant is not an individual, an authorized agent of the entity must sign the permit on behalf of the Permittee.

Permittees conducting land-disturbing activities are responsible for meeting all requirements of the GESC Permit Program that are described in detail within the *GESC Manual*. Failure to meet the requirements of the GESC Permit may lead to enforcement action (See Section 6, Enforcement).

2.4 REVIEW AND ACCEPTANCE LIMITATIONS

The GESC Permit Program submittals will be reviewed for compliance with the criteria contained herein. The acceptance of submitted documents by either SEMSWA or the County, does not relieve the Owner, Design Engineer, Contractor, or Permittee(s) of responsibility for ensuring that calculations, plans, specifications, and construction comply with the criteria contained herein. Additionally, acceptance by SEMSWA or the County does not alleviate the Owner, Design Engineer, Contractor, or Permittee(s) from complying with all other applicable Federal, State, or local laws or regulations.

2.5 PLAN AND REPORT AMENDMENT PROTOCOLS

Minor GESC Plan and Report modifications may be allowed without re-review and approval. The Permittee must update the GESC Plan and Report as necessary to reflect site conditions. All minor modification shall be implemented immediately and recorded on the GESC Plan. It is expected that the Permittee will need to make minor GESC modifications throughout a project to address changes in site conditions. Minor GESC modifications generally include Control Measure substitutions for other measures that are equivalent in performance and/or are more suitable to specific site conditions.

Major modifications to a GESC Plan are those involving re-engineering or changes to site hydrology (e.g. increased area tributary to a Control Measure; site conditions beyond the limits of a Control Measure; eliminating a Control Measure; changes to grading, drainage, or design intent). These modifications must be submitted to SEMSWA or the County, as applicable for review and acceptance. Control Measures that may be classified as a major modification are indicated with a "box" surrounding the Control Measure acronym, as indicated on the Legend (Appendix G).

2.6 WATER CONTROL PLAN REVIEW

In the rare instance where a construction project includes stream or conveyance channel crossings or improvements with active water flow, the GESC Plan/Report process includes the preparation of a Water Control Plan to identify the phasing of work necessary to meet controls required in "Waters of the United States" to meet Federal, State, and/or local laws and regulations. The Water Control Plan specifics will be discussed with SEMSWA or the County, as applicable, as needed. The Water Control Plan review fees shall be paid in accordance with the current SEMSWA or County Fee Schedule, as applicable, located on the respective websites at www.SEMSWA.org or www.arapahoegov.com.

2.7 A GESC PLAN IS NOT A SWMP

A GESC permit is required as part of the MS4 permit requirements to maintain and operate a construction program and implemented through a GESC Plan/Report submitted as part of the land development and plan review process. For sites disturbing 1 acre or more, or less than 1 acre of disturbance if part of a Larger Common Plan of Development or Sale that disturbs 1 acre or more, the Applicant is responsible for complying with the Colorado Discharge Permit System - Stormwater Construction Permit (CDPS - SCP) issued by the State. The CDPS-SCP requires a SWMP that is typically prepared by the Contractor, and not submitted for review by SEMSWA, the County, or the State. The GESC Plan and SWMP requirements are not the same, as they are implemented for two different permits.

It is the responsibility of the Applicant to comply with any CDPS – SCP requirements that are applicable to their site, including the development of a SWMP.. Although each of these sets the broad goal of protecting water quality, each has slightly different compliance requirements. The GESC Permit and the CDPS – SCP permit require site inspections of a land disturbance project's stormwater management system and that all Control Measures used are installed with sound engineering, and good hydrologic and pollution control practices. However, the path to achieving compliance with the specific requirements of each permit may differ. It is important to note that it is possible to pass a GESC inspection at a site and not pass a State audit. It is important to understand what is required from both permits, as compliance with both permits must be achieved at all applicable land disturbance sites. A more complete understanding of the two permit's requirements for Control Measures and inspections, however, may allow the preparation and use of one plan for both permits.

3 TYPES OF GESC PERMITS

The GESC Permit Program allows for the following types of permits to be used:

- Standard GESC Permit
- Low Impact GESC Permit
- Single-Family Individual Lot GESC Permit
- Annual GESC Permit
- Low Risk GESC Process

To determine the appropriate GESC Permit for a project, refer to the GESC Permitting Matrix found on the County website (www.Arapahoegov.com) . A discussion of each permit type and required plans and reports follows.

3.1 STANDARD GESC PERMIT

A Standard GESC Permit is required for construction activities as defined in Section 1. Conventional development and redevelopment projects have varied site conditions that need to be addressed with a complete GESC Permit process, also known as a Standard GESC Permit. These are more standard development and redevelopment projects with greater than 1 acre of disturbance, or less than 1 or more acres of disturbance as a part of a Larger Common Plan of Development or Sale that disturbs 1 acre or more. Standard projects may have multiple ownerships, or after development by one owner, will contain multiple lots that can be sold to a new owner(s). In addition, if any of the following conditions are within the described threshold below, the Standard GESC permitting process will be required even if the disturbance is less than 1 acre:

- If site construction activities require a permanent post construction Control Measure.
- If the site construction activities are within 100 feet of a drainageway and causes a disturbance within the floodplain that requires a floodplain engineering analysis or modification, and results in an impact to the floodplain.
- If the construction site activity alters established drainage patterns and requires a drainage analysis.
- If the construction site activity requires an Engineering Process or a substantially large volume staging of material, significant concrete or grouting work, or considerable waste material storage or generation. For example, a Temporary Batch Plant may require a stand-alone Standard GESC Permit if a Reclamation Plan is required.
- If SEMSWA or the County determines that the construction activity has the potential to adversely impact drainage patterns, resulting in sedimentation of the stormwater system, or is of a sufficient volume to contribute to a water quality violation.

Control Regulation 72 requires the Applicant to submit for approval an Erosion and Sediment Control Plan describing approved construction Control Measures for land disturbances. SEMSWA or the County, as applicable shall approve the use of a Standard GESC Permit to meet Control Regulation 72 requirements.

REPORT REQUIREMENTS

Information relating to GESC required at the site shall be included in a separate GESC Report. See the GESC Report Checklist in Appendix E for information required to be included in a Standard GESC Report. The Report is an excellent place to clarify anything that cannot be clearly shown on the Plan, any special maintenance required over and above what is identified on the GESC Plan - Standard Notes and Details, and any calculations used in the design of Control Measures.

PLAN REQUIREMENTS

The following requirements shall be adhered to when preparing a Standard GESC Permit Plan and Report. The GESC Plan and Report requirements are explained in this Section, and typically consist of three plan sheets to show Control Measures for the initial, interim and final phases of construction. The GESC Plan shall be consistent with the Approved Drainage Plan for the site. The GESC Checklists located in Appendix E should be filled out and submitted as an attachment to the GESC Report, to ensure that each of the requirements is addressed.

All Standard GESC Permit Plans shall be prepared on 22" by 34" sheets at a scale of 1-inch to 20-feet up to 1-inch to 200-feet, as appropriate, to clearly show sufficient detail for review. The final GESC Plan submitted for stamped approval may be half size. An Approval Block area with dimensions of 4.5" by 5.5", shall be reserved for the SEMSWA or County approval stamp (Appendix G), as applicable.

The Standard GESC Permit Plan and Report shall be signed and stamped by the Design Engineer. In order to safeguard life, health, and property and to promote the public welfare, it is a requirement that the calculations necessary for a viable GESC Plan shall be prepared by or under the responsible charge of, and signed and stamped by, a Professional Engineer registered in the State of Colorado. (See Statutory Requirements in §§ 12-25-101, et seq., C.R.S.) For the purposes of this manual, the Professional Engineer is referred to as the Design Engineer. Control measures must be selected, designed, installed, implemented, and maintained in accordance with good engineering, hydrologic, and pollution control practices. Good Engineering, Hydrologic and Pollution Control Practices: Methods, procedures, and practices that are based on basic scientific fact(s), reflect best industry practices and standards, are appropriate for the conditions and pollutant sources, and provide appropriate solutions to meet the associated GESC permit requirements.

COVER SHEET

The GESC Permit Program requires that all GESC submittals are stand-alone documents independent of other site civil construction drawings. Therefore, a separate cover sheet is required for GESC Permit Program documents (Appendix E, Section I).

INITIAL GESC CONTROL MEASURES

This plan sheet shall provide grading, erosion, sediment, and waste controls for the initial clearing, grubbing and grading of a project (Appendix E, Section III). These initial Control Measures shall be installed at the outset of construction, prior to the Preconstruction Meeting and after plan approval. This will ensure that the Control Measures will be installed prior to any other land-disturbing activities. Initial controls are to be placed on existing grades, but shall be based, as appropriate, on proposed grading operations. This sheet can be combined with the Interim GESC Control Measures sheet if both stages of Control Measures can be illustrated sufficiently for the Contractor to understand the timing of installation. Consolidating sheets shall be approved by SEMSWA or the County, as applicable.

INTERIM GESC CONTROL MEASURES

This plan sheet shows Control Measures to control grading, erosion, sediment and waste during the grading, site construction, and site re-vegetation process (Appendix E, Section IV). These Control Measures shall be based on proposed grades and drainage features, are installed after initial site grading, and as soon as practicable. Some interim controls are installed after construction of site infrastructure (e.g. Inlet Protection Control Measure after inlet construction).

FINAL GESC CONTROL MEASURES

This plan sheet shows controls for completion of site construction through the final stabilization phase (Appendix E, Section V). Control Measures shown in the Final Stabilization GESC Plan shall be installed as one of the last steps

in the construction process, such as the final seeding and mulching stabilization Control Measure. If the development site is of a sufficiently low level of complexity, all three stages of Control Measures may be illustrated on one sheet. Consolidating sheets shall be approved by SEMSWA or the County, as applicable.

STANDARD NOTES AND DETAILS

A copy of the GESC Plan - Standard Notes and Details has been included in Appendix F and shall be provided with each set of the GESC Plan. This is to make sure the Contractor has all the relevant details provided within the site GESC Permit Program documents.

REQUIREMENTS FOR STAGED AND PHASED GESC PLANS

Areas of land disturbance equal to 40 acres or greater must not be exposed for more than 30 consecutive days without temporary or permanent stabilization. There may be allowable authorized exemptions to the 40-acre limit for removal and storage of cut material where geotechnical limitations restrict the use of temporary or permanent stabilization of the stored material (e.g. swelling soils, rock). Authorized exemptions to the 40-acre limit may be allowed when the Owner can demonstrate that the 40-acre limit is physically and/or financially impracticable. For sites granted this exemption, a phasing and earthwork quantities plan shall be submitted to SEMSWA or the County, as applicable and, following adequate review, approved by SEMSWA or the County prior to the commencement of land disturbance activities. Submittal requirements include: (I) Phasing Plan/Earthwork Quantity Plan showing cut and fill volumes and locations for each Phase and project totals. (II) Erosion Control Plan showing specific erosion and sediment controls for each phase.

FEES AND COLLATERAL

Permit fees shall be paid in accordance with the current applicable Fee Schedule, located on the SEMSWA (www.SEMSWA.org) or County's (www.arapahoegov.com) websites. Collateral shall be submitted, based on the Control Measures required for site control (Section 4.11).

3.2 LOW IMPACT GESC PERMIT

Some land-disturbing activities may have only a minor potential impact on adjacent properties and downstream receiving waters. Low Impact permitted sites are less than 1 acre of disturbance, do not impact the floodplain, and are short in duration with small footprints that can be controlled with typical construction Control Measures, materials management, and good housekeeping practices. Low Impact GESC Permit projects do not require engineered construction Control Measures, such as those Control Measures that require volume sizing; therefore, no PE signature or stamp is required. These projects are typically home improvement projects or small additions to commercial slab-on-grade construction activities that may or may not require a separate Land Use process, and do not alter established drainage patterns.

Projects that fall under a Low Impact GESC Permit designation use an abbreviated GESC Plan process and may or may not require a GESC Report, typically in the form of a simple narrative.

Low Impact sites have a low level of a complexity such that construction Control Measures can be presented adequately in a simple sketch plan developed with or without the assistance of a Design Engineer. SEMSWA or the County can be contacted to assist in the preparation of the Low Impact GESC Plan. This provides an excellent opportunity to discuss the project and make sure all requirements are met.

For sites less than 1 acre within the Cherry Creek Basin with land disturbance not part of a larger common plan of development or sale that disturbs 1 acre or more, Control Regulation 72 requires the Applicant to submit for

approval an Erosion and Sediment Control Plan describing approved construction Control Measures. SEMSWA or the County, as applicable, shall approve the use of a Low Impact Permit as an abbreviated GESC Permit process that meets Control Regulation 72 requirements for sites under 1 acre.

Low Impact GESC Permit implementation procedures are contained in a Guidance Document found on the SEMSWA (www.SEMSWA.org) or County website (www.arapahogov.com/) that provides details about the plan preparation, review and approval, and the issuance, inspection, enforcement, and close-out components of the permit. Requirements are paraphrased below. The determination of whether a project qualifies for a low impact permit shall be within the sole discretion of the County or SEMSWA as applicable.

REPORT REQUIREMENTS

No GESC Report is required for the Low Impact GESC Permit, but based on the nature of the disturbance, a narrative may be required. This will be determined during Low Impact Permit plan review.

PLAN REQUIREMENTS

Although a detailed GESC Plan need not be prepared for sites where a Low Impact GESC Permit is appropriate, the following abbreviated GESC Plan shall be prepared and submitted to SEMSWA or the County, as applicable to provide enough information to determine if a Low Impact GESC Permit is acceptable for the proposed work:

A sketch plan all on one page, showing:

- All surface water hydrologic features that may affect work area.
- Directional flow arrows indicating grades that will determine stormwater runoff flow paths.
- Erosion, sediment, and waste Control Measures appropriate to the construction activity.
- Attached details for the designated construction Control Measures.
- Address roadways, north arrow and location map if possible.

FEES AND COLLATERAL

Permit fees shall be paid in accordance with the current applicable SEMSWA or the County Fee Schedule and collateral shall be submitted if determined necessary, based on the Control Measure(s) required for site control.

3.3 SINGLE-FAMILY INDIVIDUAL LOT GESC PERMIT

The Single-Family Individual Lot GESC Permit applies only to individual lot residential development. Single-family residential projects are required to obtain a GESC Permit even if they have a Building Permit. These sites have a low level of complexity, with established drainage patterns, such that the GESC Manual's Example Individual Lot Plans (Appendix D) can be used. This permit does not require engineered drawings and does not need to be signed and stamped by a Design Engineer. Applicants requesting a permit for *multiple* single-family lots, or choosing to combine several lots into a group, must obtain a Standard GESC Permit (Section 3.1).

In the Cherry Creek Basin, Control Regulation 72 requires the Applicant to control sediment before it leaves the site using a single or multiple entrapment (perimeter) Control Measure(s). SEMSWA shall approve the use of the Single-Family Individual Lot GESC Permit Example Lot Plans in Appendix D for erosion and sediment control purposes for single-lot land disturbance in the Cherry Creek Basin to meet Control Regulation 72.

Note: Projects involving public improvements for a residential development project must follow the requirements of the Standard GESC Permit. Typical residential development requires a Standard GESC Plan and Permit and will not be issued a Single-Family Residential Individual Lot Permit.

REPORT REQUIREMENTS

No GESC Report is required for the Single-Family Individual Lot GESC Permit; however, based on the nature of the disturbance, a narrative may be required. This will be determined during the Single-Family Individual Lot GESC Plan Review process and may require discussion with the Applicant.

PLAN REQUIREMENTS

Appendix D provides example details with Single-Family lot erosion control plan details with typical drainage patterns. If the Applicant's lot conforms to the general layout and drainage patterns of one of these detailed lot plans, a lot specific GESC plan shall not be required. If the single-family residential lot does not conform to one of the example types provided, a specific lot GESC Plan shall be developed and submitted for review and approval.

The Single-Family Individual Example Lot Plans, provided in Appendix D, are the minimum requirements to control sediment transport from individual lots during single-family lot construction. The Example Lot details provided in Appendix D are provided to avoid the need for a plan review and approval process on each individual lot within a residential development. Use of the Example details of Control Measures for the permitted activity, however, is required. If alternate methods are going to be used on an individual residential lot, a specific lot GESC Plan depicting the Control Measures for that site may be submitted and reviewed on a case-by-case basis.

FEES AND COLLATERAL

Permit fees shall be paid in accordance with the current applicable SEMSWA or County Fee Schedule and collateral shall be submitted if determined necessary, based on the Control Measure(s) required for site control.

3.4 ANNUAL GESC PERMIT

Land disturbance activities for similar, repetitive, and/or periodic maintenance operations, and dry utility installation projects under 1 acre and not part of a larger common plan of development or sale that disturbs 1 acre or more, are designated as Annual and are generally short term, frequent in occurrence, use the same or substantially similar design and construction processes, have the same type of waste discharge to manage, and require the same operational construction Control Measures.

These projects typically are done by public or quasi-public agencies or entities that perform the work with in-house staff or use experienced "short listed" or "on-call" contractors experienced with the requirements of maintenance and installation of public facilities. Projects that fall under an Annual Permit designation use an abbreviated GESC Plan process using SEMSWA-provided Fact Sheets and typical details of Control Measures installed for the anticipated activities. Annual Permits are issued in January; at year-end, any carry-over projects will require a new Annual Permit.

For sites within the Cherry Creek Basin with a land disturbance under an acre and not part of a larger common plan of development or sale that disturbs 1 acre or more, Control Regulation 72 requires the Applicant to submit for approval of an Erosion and Sediment Control Plan. The Plan should describe approved construction control measures. These documents shall be approved by SEMSWA or the County.

The Annual Permit is on a calendar year basis and implementation procedures are contained in an Annual Permit Guidance Document on the SEMSWA (www.SEMSWA.org) and County (www.arapahoegov.com) websites that provide details about the Fact Sheet, Permit Special Considerations, and typical details, permit issuance, inspection and enforcement, and close-out components of the Annual Permit. Requirements are paraphrased below.

REPORT REQUIREMENTS

No GESC Report is required for an Annual Permit; however, based on the nature of the disturbance, a narrative may be required. This will be determined during discussion with SEMSWA or the County, as applicable when the Applicant requests an Annual Permit for their construction and/or installation activities.

PLAN REQUIREMENTS

An Annual GESC Permit does not require a GESC Plan to be prepared or stamped by a Professional Engineer. However, the use of the GESC Permit Program's typical details of Control Measures for the permitted activity is required. A typical detail has been prepared to assist the Contractor or Applicant with the proper implementation of the appropriate Control Measure installation. If a standard detail does not exist for the proposed work, a specific plan may be required as determined by SEMSWA or the County, as applicable.

FEES AND COLLATERAL

Permit fees shall be paid in accordance with the current applicable SEMSWA or County Fee Schedule. No collateral for an Annual Permit is required.

3.5 LOW RISK GESC PROTOCOLS

Some minor land disturbing activities, significantly less than 1 acre and not part of a larger common plan of development or sale that disturbs 1 acre or more, are not expected to contribute sediment to the stormwater system. These projects have a very low potential of causing a water quality impact and/or a violation of a water quality standard and are identified as "Low Risk." The GESC Permit Program does not allow a Low Risk designation for construction activities that have the potential to adversely impact drainage patterns or result in sedimentation of the stormwater system.

Low Risk construction activities are generally residential in nature, and typical of construction activities a homeowner or handyman service would undertake. Some smaller commercial construction incidental activities may also be considered Low Risk, such as re-skinning a building. The land disturbance is small, and significantly less than 1 acre; not part of a larger common plan of development or sale; located outside of the floodplain; and would not require any other SEMSWA or County permit. The activity is typically a one-time project, short in duration, condensed to one activity, and would not have the potential to affect established drainage patterns. No GESC Plan or Report is required.

The GESC Permit Program allows Low Risk sites to be managed without a formal permit if there is adherence to Control Measure(s) specified for the activity in available Fact Sheets prepared by SEMSWA. Failure to comply with the Control Measures established for the Low Risk designated activity could result in SEMSWA requiring a GESC Permit to be obtained.

For these types of sites within the Cherry Creek Basin, the SEMSWA Fact Sheet will suffice as an erosion and sediment control plan, describing approved and appropriate construction Control Measures for the type of Low Risk activity. SEMSWA or the County, as applicable shall approve the use of the Low Risk Fact Sheet documents as

meeting Control Regulation 72 requirements for these condensed sites or projects under 1 acre with only minor land disturbing activities.

4 GESC PERMIT POLICIES

4.1 APPROVED GESC PLAN AND REPORT

The GESC Permit documents will be considered accepted and approved for construction when a completed application and submitted copies of the GESC Plan/Report is approved and stamped in the Approval Block. Applicants will be notified when the GESC documents have been signed and are ready to be picked up.

SEMSWA or the County, as applicable will retain two sets of the approved, signed GESC Plan/Report. The GESC Plan and Report documents are considered valid for 2 years following the signature date.

4.2 GESC PERMIT EXPIRATION

A GESC Permit is valid for 2 years from the date the permit is issued. A GESC Permit must stay valid throughout the duration of a project, through final stabilization, and until close-out. Prior to permit expiration, the Permittee shall contact SEMSWA or the County, as applicable, at least 30 days in advance to start the renewal process. Failure to renew the GESC Permit prior to its expiration may result in enforcement, as all sites need to be permitted until the site has met final stabilization requirements and closed out. Renewal fees for the GESC permit shall be in accordance with the current applicable SEMSWA or County Fee Schedule. All applicable collateral is required to be in place for an active GESC Permit.

4.3 GESC PERMITS WITH PROPERTY OR PROJECT OWNERSHIP TRANSFERS

Multi-lot development typically involves the transfer of ownership of portions of the property or project during the life of the project, and they include common areas, which may serve or be impacted by multiple owners. It is important that Control Measures be in place to ensure that the GESC requirements are maintained on all portions of the original development throughout the life of the project. New Owners or the new Owner's Agent are responsible for obtaining a permit for any disturbed areas and should reference the GESC Permitting Matrix on SEMSWA or the County's websites to determine Permit and Plans required. The applicable SEMSWA or County Fee Schedule lists permitting fees associated with property or project transfers for a GESC Permit.

When a discrete portion of a development project is sold to a new Owner, the new Owner shall be required to obtain a GESC Permit for that portion of the property or project. A GESC Plan and Report for the property or project may exist and may provide the necessary Control Measure requirements. The new Owner may be required to provide new collateral in accordance with the GESC Permit requirements. This includes the situation when a GESC Permit is transferred from a Developer to a Homebuilder. The Developer must ensure the common areas are still permitted since they serve the entire site. These include the streets and rights-of-way, the common open space areas, drainage tracts and easements, stormwater detention and water quality facilities, and other areas that are not associated with the individual lots that are now in new ownership.

The original GESC Permit documents for the development may be adjusted throughout the life of the subdivision build-out to reflect only those improvements that are necessary. The cost estimate and collateral may be reduced accordingly, upon approval, throughout the project at the request of the Permittee.

The Permittee is responsible for all GESC requirements including subcontractors, utility providers and trades, unless they have their own Standard GESC permit. The Permittee may be required to revise GESC documents to reflect any new or revised permitted area(s) and must notify SEMSWA or the County, as applicable of the updated plan/ownership/construction limits.

If a different Contractor replaces the Contractor that is identified on the GESC Permit, the GESC Permit shall be transferred to the new Contractor. The transfer shall require a new GESC Permit, payment of a transfer/permit fee, and new collateral. Failure to transfer the GESC Permit to the new responsible Contractor or Permittee may result in enforcement.

4.4 RESPONSIBILITIES FOR SINGLE-FAMILY RESIDENTIAL PROJECTS

When individual lots are sold from a Permittee to a homeowner, the Permittee is responsible for notifying the new Owner of the single-family individual lot of the need to maintain the temporary erosion and sediment Control Measures on the site until the lot is final landscaped or re-vegetated in accordance with the GESC Permit Program requirements.

If the Permittee is not the one responsible for landscaping any portion of the lot, then once the property is transferred to a homeowner, the homeowner shall be responsible for the erosion and sediment control of the property. The Builder is responsible for ensuring temporary erosion Control Measures are designed to function for a minimum of 90 days after the transfer of ownership to the homeowner. The GESC Permit Program requires through its regulations that homeowners prevent the erosion and transport of sediment from their property. Homeowners are required to provide permanent stabilization of their lot, through such measures as sod, established seeded vegetation, rock, landscaping or other permanent measures of stabilization per applicable Land Development Code within 6 months of Certificate of Occupancy issuance. Homeowners are required to maintain temporary erosion Control Measures on their property, until permanent measures are installed and functioning.

4.5 GESC PERMITTEE SELLS A PORTION OF THE LAND/PROJECT AREA TO A BUILDER

When a Permittee sells a portion of their land/project area, the Permittee must remove that area from their GESC plan and notify SEMSWA or the County, as applicable, of the updated plan, ownership, and construction limits. When individual lots are sold off to multiple owners, the lot owners will be required to obtain separate GESC permits for their lots and provide the required collateral to guarantee compliance with the GESC requirements. A separate GESC Plan may be required for these lots. Associated common areas and streets need to be accounted for in GESC permitting through an agreement that SEMSWA or the County, as applicable is aware of so that ownership and responsibility for GESC controls is clear and specific.

4.6 REVIEW FEE PAYMENT

Review fees are submitted with the initial GESC Permit submittal package. Review fees for a GESC Plan and Report are specified in the current applicable SEMSWA or County Fee Schedule and are based on area of land disturbance. Review fees will not be collected for SEMSWA or County Capital Improvement Projects.

4.7 CONSISTENCY WITH OTHER PLANS

The GESC Plan shall be consistent with approved plans such as drainage reports and construction drawings. The GESC Plan shall be submitted along with other related SEMSWA, City, or County plans and permit applications. The Applicant may be required to obtain other permits as part of the project to facilitate development, including right-of-way access, construction of public improvement(s), and activities in the floodplain. These other related plans

and permits may not reflect all requirements for development in the City or County. The Applicant should verify plans and permits required from the City or County specific to their development.

4.8 EARLY GRADING PERMIT REQUIREMENTS

To obtain the approval to perform early grading on a site where development approvals are imminent but before having approved Construction Documents, the project must have received a favorable recommendation from the County Planning Commission, or if the project is not heard by a Planning Commission, approval by the Arapahoe County Board of County Commissioners (BOCC). In the event the plan is not required to go to either a Planning Commission or the County BOCC and will be administratively approved, the County's Engineering Services Division Manager must approve early grading. The GESC Report and Plan must be complete and approvable, the applicant must provide a Hold Harmless Letter and obtain applicable SEMSWA/ County permits, including appropriate ROW Permits as required, pay permit fees, and provide for collateral, to be allowed early grading approval (see Appendix B for an example Letter). At the appropriate time, the GESC Permit for the site will be issued. At no time will impervious area be created at the site as part of early grading.

4.9 PERMIT FEE PAYMENT

Permit Fees are to be paid prior to the GESC Permit issuance. Permit fees are identified in the applicable current SEMSWA or County Fee Schedule, available through SEMSWA or the County's websites, www.SEMSWA.org or www.arapahoegov.com. Permit fees will not be collected for County or SEMSWA Capital Improvement Projects.

4.10 ENGINEERING COST ESTIMATES

Applicants are required to provide engineer's cost estimates (ECE) associated with implementing both the Initial/Interim GESC Control Measures and the Final Stabilization GESC Control Measures. An example of the two ECEs to be submitted is provided in Appendix C and provides unit cost information that shall be used to generate the cost estimate. The ECEs will quantify the collateral that will secure appropriate GESC Control Measures.

The collateral to secure GESC Control Measures will be held by SEMSWA or the County, as applicable until the Final Close-Out Acceptance. There may be a reduction in collateral between the Initial Close-Out and Final Close-Out upon request and approval.

SEMSWA or the County, as applicable may waive/reduce the ECE-based collateral amounts for governmental entities constructing public projects.

For projects that will be phased, the ECEs must be separated and sub-totaled for each phase of the project on the ECE calculation spreadsheets.

4.11 COLLATERAL POSTING

Collateral may be retained, based on the Control Measures required for site control during construction, and for site final stabilization. Collateral is required, as follows:

Permit	Collateral Required
Standard	Yes (Higher amount of Initial/Interim ECE and Final ECE)
Low Impact	Case-by-case basis*
Annual	No
Single Family	Case-by case basis*
Government Partner Agencies**	Yes, 10% of ECE or other agreed upon amount.
Arapahoe County or SEMSWA Projects	No

*Low Impact projects may require collateral depending on size, scope, and Control Measures required.

** Reduced collateral may be allowed from governmental entities based on an executed written agreement with SEMSWA or the County, as applicable addressing GESC requirements, Control Measure implementation and final stabilization.

The conditions under which the GESC collateral is held is separate from any other security relating to the project site's Subdivision Improvements Agreement (SIA), Public Improvement Agreement (PIA), or any other agreements or permits relating to the site. GESC collateral will be retained and released separately per the *GESC Manual* requirements.

AMOUNT OF COLLATERAL

The amount of collateral for a GESC Permit is based on the higher of the ECE for installing and maintaining the GESC Control Measures required during construction (Initial/Interim), and for the site's final stabilization (Final). A copy of the worksheets to be used for preparing the ECE for erosion and sediment Control Measures during construction, and for the site's final stabilization, is included in Appendix C.

If the land disturbance site is over 20 acres, or the development has multiple or complex phasing plan, an alternate approach to collateral may be considered, as approved by SEMSWA or the County, as applicable.

FORMS OF COLLATERAL

SEMSWA accepts two forms of financial collateral:

- Irrevocable Letter of Credit from a Colorado financial institution in a form acceptable to SEMSWA or the County, as applicable. The Letter of Credit template is available on the respective websites.
- Cash Escrow. An example of a cash escrow agreement is available upon request.

The conditions of each form of collateral shall allow the collateral to be held for a minimum of 3 years. The 3-year period should allow for completion of all GESC and other Agreement requirements, including two growing seasons to allow time for re-vegetation to reach the required coverage for Final Stabilization and GESC Permit close-out.

The County requires a Collateral Letter of Intent and a Letter of Credit. Templates for both documents can be found at <https://www.arapahogov.com/1705/Subdivision-Agreements-and-Collateral>.

EXPIRATION OF COLLATERAL

If the construction of the project and/or stabilization process takes longer than 3 years, the Permittee may extend the posted Letter of Credit for 1 year a minimum of 30 days prior to the expiration date. This extension must be requested by the Permittee. Failure to extend the collateral, prior to the 30 day deadline on an active site, may result in enforcement and/or SEMSWA or the County, as applicable drawing upon the collateral to ensure permit conditions are met. An additional fee charged by the Permittee's financial institution may apply to extend the letter of credit.

The Permittee shall maintain the collateral amount required for the GESC Control Measures in full force and effect until Final Close-out approval of the GESC Permit, unless otherwise approved by SEMSWA or the County, as applicable.

RELEASE AND REDUCTION OF COLLATERAL

It is recognized that during the interim period between Initial Close-Out and Final Close-Out, conditions of the site may warrant alterations to the required final stabilization Control Measures. If the final stabilization Control Measures collateral amount is less than the Initial/Interim amount, the Permittee may request a reduction in collateral consistent with the reduced Control Measure amount as outlined in the Final ECE.

Once Final Close-out Acceptance for the site has been granted, the Final Close-Out form will be approved by SEMSWA or the County, as applicable and collateral for the project will be released. At any time, the Permittee may request a reduction in GESC collateral. The decision to reduce collateral is at SEMSWA or the County's discretion.

4.12 VARIANCES TO THE GESC MANUAL

No variance to the GESC Permit Program requirements as contained in the *GESC Manual* will be considered that would result in a noncompliance with SEMSWA's or the County's MS4 Permit. Outlined below is the process of submitting a variance request at a GESC permitted site and appealing a denied request for a variance from these standards. All GESC Permit Program variance requests will be submitted to SEMSWA or the County, as applicable initially for a technical analysis of the variance impact on sediment and erosion control at a site and determination of compliance with the MS4 Permit requirements. Below is the process for an appeal of a Variance Request determination.

VARIANCE CRITERIA

A variance shall be granted only upon the finding that the requested variance from the requirements of the GESC Permit Program will not impair the public health, safety, and welfare of the residents of the Permit Areas and that the intent and purposes of the GESC Permit Program to meet MS4 Permit requirements have been met. In ruling upon a variance, SEMSWA or the County, as applicable shall also consider the impacts the proposed alternative criteria would have on construction and maintenance requirements and cost.

VARIANCE AND APPEAL PROCEDURES

Step 1. Applicant submits a written request for a variance from the GESC Permit Program to SEMSWA or the County, as applicable with the variance request form found on the respective websites. At a minimum, the variance request must include the following information:

1. Identification of the criteria sought to be waived or varied;
2. Identification and detailed description of the alternative to the GESC Permit Program criteria; and
3. Justification of, and reason for, the variance request.

Step 2. SEMSWA or the County, as applicable is responsible for reviewing the variance request and deciding approval or denial based on adherence to the GESC Permit Program. The request shall be referred to the respective Technical Review Committee (TRC), consisting of engineering and technical management staff. TRC reviews the request and recommends either approval or denial. For variance requests in the County's authorized MS4 area within the SEMSWA service area, the County may also convene its TRC to confirm the variance determination or request an additional variance review process. Upon the ultimate determination of approval or denial of a variance request, SEMSWA or the County, as applicable will notify the Applicant of the determination.

Step 3. If the variance request is denied, the Applicant may appeal the decision by submitting a written appeal. Staff will forward the appeal request to either the SEMSWA Executive Director for sites authorized by the SEMSWA MS4 Permit or to the County Public Works and Development Director for sites authorized by the County's MS4 Permit.

Step 4. Upon receiving the appeal request, the authorized MS4 shall respond to the Applicant by setting a date, time and location for a meeting to allow the Applicant to present their appeal. The meeting date shall occur within a reasonable time frame from the date the authorized MS4 received the appeal.

Step 5. After the appeal meeting, the authorized MS4 shall render a written decision either approving or denying the variance request and provide to the Applicant within a reasonable time frame from the date of the appeal meeting.

Step 6. If the SEMSWA Executive Director or the County Public Works and Development Director upholds the denial of the variance request, the Applicant may appeal the decision to the SEMSWA Board or County BOCC, respectively. To do so, the Applicant shall submit to the respective Director a written request to appeal and the Director shall notify the Applicant of the date, time and location of the public hearing at which the SEMSWA Board or the County BOCC will consider the variance.

Step 7. The public hearing provides the Applicant and the respective authorized MS4 staff an opportunity to present information relative to the variance request. The SEMSWA Board or the County BOCC will evaluate the variance application and all presented information at the hearing and shall approve, conditionally approve or deny the variance. The respective Board shall base its decision on the information presented in consideration of the applicable GESC Permit Program requirements.

BURDEN OF PROOF

In all stages of appeal, the Applicant bears the burden of proof to establish that a variance from the GESC Permit Program is justified and does not result in a noncompliance with the MS4 Permit.

5 GESC PERMIT CLOSE-OUT

5.1 INITIAL CLOSE-OUT

Initial Close-Out may be requested when all disturbed areas are stabilized in accordance with the GESC Permit Program criteria. The GESC permit holder (Permittee) shall request an Initial Close-out Inspection from the GESC Permit Program Inspector (Inspector).

Prior to the Initial Close-Out Inspection, the following must be completed:

- Clean all streets, sidewalks and flowlines of sediment with a street sweeper. **WASHING OF STREETS, SIDEWALKS AND FLOWLINES IS IN DIRECT VIOLATION OF GESC MANUAL CRITERIA.**
- Clean all inlets, trickle channels and all other drainage features.
- Remove construction erosion and sediment controls (per the approved GESC Plan) and install/maintain final stabilization erosion and sediment Control Measures per the approved GESC Plan.

Once all items are completed, the Permittee shall call SEMSWA or the County, as applicable and schedule an Initial Close-Out Acceptance Inspection. In addition to the Inspector, a representative of the Permittee shall attend the Initial Close-Out Inspection.

The Permittee shall complete the Close-Out Form located on SEMSWA or the County's website.

Any corrections noted during the Initial Close-Out Acceptance Inspection shall be made to the site as requested by the Inspector, and when completed, a re-inspection can be scheduled with the Inspector.

Once the Close-Out Form has been provided to SEMSWA or the County, as applicable, and the acceptance inspection is approved, the inspector shall grant Initial Close-Out.

5.2 REQUIRED INSPECTIONS AND MAINTENANCE AFTER INITIAL CLOSE-OUT

The Permittee shall undertake the following inspections and maintenance operations after Initial Close-Out:

- Seeded and mulched areas shall be inspected as necessary to ensure growth of vegetation by the Permittee for a period of two (2) growing seasons (spring and fall); following initial seeding, noxious weeds shall be controlled.
- Reseeding and mulching shall be undertaken as necessary after the two (2) growing seasons for any areas failing to meet the required coverage, or as requested by the Inspector.
- Final stabilization Control Measures shall remain in good working order at all times. Failure to do so may result in enforcement.
- The Inspector may approve alternative final stabilization criteria for specific operations or field conditions.

5.3 FINAL VEGETATION ACCEPTANCE

The Inspector will confirm on the Close-Out Form that vegetation has met the required coverage of 70% of the site's preconstruction condition, and that noxious weeds have been controlled. When the required coverage has been met, the Inspector will issue acceptance of the vegetation and give the Permittee instructions to remove remaining final stabilization Control Measures.

If the required vegetation coverage is not met, repairs or corrections shall be made by the Permittee and a follow-up vegetation acceptance inspection can be scheduled once the vegetation meets the required coverage.

5.4 REMOVAL OF FINAL STABILIZATION CONTROL MEASURES

After obtaining written acceptance of the vegetation coverage from SEMSWA or the County, as applicable, the remaining final stabilization Control Measures shall be removed and properly disposed. The site shall be cleaned up and any areas disturbed as a result of Control Measure removal shall be seeded and mulched, or otherwise final stabilized.

5.5 FINAL CLOSE-OUT INSPECTION

Prior to Final Close-Out Inspection the following must be done:

- Clean all streets, sidewalks and flowlines of sediment with a street sweeper. **WASHING OF STREETS, SIDEWALKS AND FLOWLINES IS IN DIRECT VIOLATION OF GESC Manual CRITERIA.**
- Clean all inlets, trickle channels and all other drainage features.
- Remove all controls at the site.
- Maintain all stormwater infrastructure to ensure proper functionality of the stormwater system.

The Final Close-out Inspection shall then be scheduled between the Inspector and the Permittee. The Inspector will check the removal of Control Measures, confirm that the final stabilization vegetation has been maintained as appropriate, and either accept the site as final, or stipulate the corrections that must be made. In the rare instance when corrections are substantial, the Inspector may require that follow-up inspections be scheduled until the site is final stabilized.

6 ENFORCEMENT

Failure to comply with any term, condition, limit, deadline or other provision of the GESC Permit Program, the GESC Permit, or failure to obtain a GESC Permit or keep an active GESC Permit or Plan/Report, shall constitute a violation of the GESC Permit Program. Discharge of any pollutant offsite, including sediment, is a violation and subject to enforcement.

Per SEMSWA's Enforcement Response Plan found on SEMSWA's website at www.SEMSWA.org, and the County's Enforcement Response Plan found on the County's website at www.arapahoe.gov, in addition to any other legal or equitable remedies that SEMSWA or the County may have for GESC violations, SEMSWA or the County, as applicable, may at its discretion, use any or all of, but not limited to, the following enforcement:

- verbal warnings with education;
- issue compliance assistance re-inspection fees and/or penalty fees;
- withhold issuance or extensions of permits;
- withhold inspections;
- issue Preliminary Notice of Violation warning letters or an NOV;
- issue Stop Work Order;
- revoke GESC permit;
- pull collateral;
- conduct abatement; or
- refuse to issue any other necessary approvals until such violation has been corrected and the Permittee has taken the necessary action to ensure compliance with the GESC Permit and GESC Permit Program requirements.

6.1 NONCOMPLIANCE

In the event the Permittee is not meeting the requirements of the GESC Permit Program, GESC Plan/Report, and/or GESC Plan - Standard Notes and Details, and is therefore in noncompliance, remedies will be available to SEMSWA and the County in accordance with the remedies contained herein, other legal or equitable remedies, and/or any Resolution(s) or Policies containing provisions for providing remedies for enforcement against defaults or violations. The following list identifies actions that constitute noncompliance; however, noncompliance actions are not limited to the list below. SEMSWA's Enforcement Response Plan, and the County's Enforcement Response Plan, explain what constitutes noncompliance in their respective authorized MS4 Permit areas, the tools used to enforce on violations, and detail the escalation procedures for sites requiring enforcement.

- Failure to obtain a GESC Permit or starting work before a GESC Permit is issued.
- Permittee fails to install Control Measures, or fails to construct the improvements in substantial compliance with the GESC Plan and the other requirements of the GESC Permit or GESC Permit Program;
- Permittee fails to repair, replace, and/or maintain a Control Measure that has the potential to, or causes a discharge of pollutants offsite when a verbal request has been made to immediately correct the deficiency;
- Permittee fails to correct any noncompliance specified on an Inspection Form or in any written notice of noncompliance within the time frame specified;
- Permittee otherwise breaches or fails to comply with any obligation of the GESC Permit and/or GESC Permit Program not specifically identified herein;

- Permittee become insolvent, files a voluntary petition of bankruptcy, is adjudicated as bankrupt pursuant to an involuntary petition in bankruptcy, or a receiver is appointed for the Permittee;
- Permittee fails to maintain in full force and effect a Letter of Credit to secure collateral in the amounts specified in the GESC Permit. Notice of defaults as to any phase of GESC must be given prior to expiration of the warranty period for such phases of the SIA, PIA or other agreement, as hereinafter provided.
- Permittee fails to submit a cut sheet of any alternative erosion or sediment control measure installed onsite in the time frame specified.

Additional noncompliance actions may be determined at the discretion of the authorized MS4 based on an assessment of the action in relation to a violation of the *GESC Manual*, GESC Permit, and/or GESC Permit Program.

6.2 RIGHT TO COMPLETE GESC CONTROL MEASURES

SEMSWA or the County, as applicable, shall have the right to complete the GESC Control Measures to correct any GESC Permit default, either itself or by contract with a third party or by assignment of its rights to a successor who has acquired the subdivision/project by purchase, foreclosure, or otherwise.

SEMSWA or the County, as applicable shall be entitled to: (a) make a draw on the Letter of Credit or cash collateral for the amount reasonably determined to be necessary to correct the default in a manner consistent with the approved GESC Plan up to the face amount of the Letter of Credit or cash collateral; and (b) sue the Permittee for recovery of any amount necessary to correct the default over and above the amount available under the Letter of Credit, or lien the property.

6.3 USE OF FUNDS

Any funds in the possession of or obtained by SEMSWA or the County, as applicable may be used to pay the costs of site control and/or stabilization and to pay the reasonable costs and expenses in connection with the GESC Permit default by Permittee(s), including reasonable attorneys' fees.

7 FIELD POLICIES

7.1 RESPONSIBILITIES OF THE GESC MANAGER

As the Permittee's focus shifts from preparing the GESC Plan and Report and applying for the GESC Permit, to constructing the project, the first task is to select a site GESC Manager. The GESC Manager is the Permittee contact person with the Inspector for all matters pertaining to the GESC Plan and Permit and shall respond to requests made by the Inspector and have any deficiencies in the work corrected. The GESC Manager may be an employee of the Owner or Contractor and shall have the authority to act on behalf of the Permittee, including committing funds, to ensure that the site remains in compliance with the GESC Permit. In all matters, the Permittee shall remain the legally responsible party.

An Alternate GESC Manager who can serve in the same capacity as the GESC Manager shall also be selected. The GESC Manager shall inform the Alternate GESC Manager of any absences, provide the Alternate the status of the GESC Plan implementation, and ensure that the Alternate GESC Manager assumes the GESC Manager's responsibilities during any absence. The GESC Manager and Alternate GESC Manager shall be named at the onsite Preconstruction Meeting.

7.2 AVAILABILITY OF THE GESC MANAGER

The GESC Manager shall be on site as necessary to ensure the GESC Plan/Report requirements are being implemented and shall provide the Inspector with contact information, including email and phone. The contact information will ensure that the GESC Manager can be contacted to provide adequate site status updates. In the event the GESC Manager (or Alternate GESC Manager) cannot be reached within 24 hours, and a GESC issue is urgent, a violation may be assessed.

7.3 CHANGING THE GESC MANAGER OR ALTERNATE

Notification shall be provided to the Inspector if the GESC Manager or Alternate change. A field meeting with the Inspector and new GESC Manager or Alternate should be scheduled prior to the next scheduled inspection to discuss site conditions and responsibilities of the GESC Manager.

7.4 DOCUMENTS THAT SHALL REMAIN ON SITE

A copy of the project's approved GESC Plan/Report, GESC Plan - Standard Notes and Details, and GESC Permit shall remain on site, unless otherwise approved by the Inspector, and shall be made available at the SEMSWA Inspector's request.

7.5 PRECONSTRUCTION MEETING

An onsite Preconstruction Meeting is required prior to GESC Permit issuance. This is the opportunity for the Inspector to verify that initial sediment, erosion, and waste Control Measures are in place and the site is ready for construction activity; the GESC Permit application can be approved; and the Permit issued. In addition to the Inspector and the GESC Manager, the following representatives should attend:

- General Contractor.
- Owner or Owner's Representative (the General Contractor may **NOT** be the owner's representative).

- Alternate GESC Manager (may be the same as the Owner or General Contractor Representative).
- Grading Sub-Contractor, if different than the General Contractor.

If the Inspector determines that significant modifications or corrections to the initial GESC Control Measures are necessary, the Inspector will inform the GESC Manager that such corrections shall be made, and that a follow-up inspection shall be scheduled with the Inspector. At no time can construction activities be initiated until appropriate Control Measures are in place. Acceptance of the corrected Control Measures by the Inspector shall take place prior to the issuance of the GESC Permit.

The Permittee shall not start site grading activities prior to the GESC Permit being issued. Issuance of the Hold Harmless letter in the case of early grading activities requires an approved GESC Plan/Report, GESC Permit, and GESC collateral.

7.6 TOPSOIL PRESERVATION

Topsoil stripping and stockpiling of disturbed area topsoil is a critical component in establishing the required vegetative coverage for final stabilization. Stripping, stockpiling, and re-spreading of the former in-situ topsoil in areas to be vegetated shall be a mandatory practice and specified in all GESC Plans.

7.7 STABILIZATION

All areas disturbed by construction, and soil stockpiles, shall be stabilized as soon as possible to reduce the duration of soil exposure to runoff events and the potential for erosion. All disturbed areas which are either final graded or will remain inactive for a period of more than thirty (30) days, shall be required to be stabilized within fourteen (14) days of the completion of the grading activities. Reworking the disturbed area within the thirty (30) days for the sole purpose of avoiding the requirement to stabilize the exposed area shall not be considered an acceptable practice.

Acceptable stabilization Control Measures are as follows.

- Surface roughening and Mulching,
- Seeding and Mulching (acceptable if area will remain dormant for more than six (6) months; temporary seed mix is acceptable), or
- Erosion Control Blanket, or acceptable equivalent control.

For temporary stabilization (i.e. areas that will be reworked), the GESC Permit Program requires one of the above. All stabilization Control Measures must be maintained.

As soon as possible after construction in drainageways, or after removal of a temporary stream crossing, all disturbed areas shall be top-soiled, seeded and mulched, and, unless otherwise approved, protected with Erosion Control Blanket.

7.8 INSTALLATION OF INTERIM AND FINAL CONTROL MEASURES

It is the responsibility of the GESC Manager to ensure that Interim Control Measures and subsequent Final Control Measures are installed at the earliest opportunity. Some Control Measures have specific time requirements for installation that are identified on the GESC Plan - Standard Notes and Details; these time requirements shall be adhered to.

For Control Measures where a specific time frame is not given, the controls shall be installed as soon as construction of the infrastructure is substantially complete or when grading activities have produced grades close to the final grade. In these cases, it is up to the discretion of the Inspector to make the final determination of Interim and Final Control Measure installation time frames.

8 REQUIRED GESC INSPECTIONS

8.1 GESC INSPECTIONS CONDUCTED BY GESC PERMIT HOLDER

During the construction phase, erosion, sediment, and waste controls must be inspected regularly by the site GESC Manager to ensure that the Control Measures are adequately installed, maintained and functioning as intended.

Sites with a State Stormwater Construction General Permit must have a self-documented inspection conducted of site Control Measures to ensure installation and maintenance is per the site's SWMP requirements.

Sites that are inactive with no construction activity on site must have a documented inspection of GESC controls conducted every 30 days by the site GESC Manager.

Sites with a State Stormwater Construction General Permit that are inactive with no construction activity on site must have a documented inspection of SWMP controls conducted every 30 days.

For areas within the Cherry Creek Basin, the GESC Manager must inspect BMPs at the following times and intervals at a minimum:

- After installation of any Construction control measure;
- After any runoff event; and
- At least every 14 days.

For sites where construction activities are completed but final stabilization has not been achieved due to a vegetative cover that has been planted but has not become established, the Permittee may reduce the inspection frequency to once every 30 days.

The GESC Manager shall provide Inspection Reports to the Inspector upon request.

8.2 GESC INSPECTIONS CONDUCTED BY MS4 PERMIT HOLDER

During the construction and final stabilization phase, erosion, sediment and waste controls will be inspected regularly by the Inspector. The Inspector will consider the overall effectiveness of the controls and will generally check for proper installation and maintenance of the controls. It remains the responsibility of the Permittee/GESC Manager to ensure that the site remains in compliance with all GESC requirements.

9 SITE GRADING DESIGN GUIDANCE AND CRITERIA

This section provides design guidance and criteria for developing a proposed grading plan for a site. Although the existing topography and planned uses of development sites and individual lots are unique, several principles apply when designing permanent land surface grading.

9.1 SLOPES

The topography of a site may be existing steep slopes that are to be preserved, or cut or fill slopes created during the grading process. In either case, the measures in this section shall be taken to protect slopes from erosion.

On steep or sloping sites, or flat sites where more variation in grade is desired, the proposed grading plan may incorporate graded slopes and/or retaining walls.

Preferred slopes are 4:1 or flatter, designed with variation and shaping as appropriate, possibly utilizing a Landscape Architect.

Slopes between 3:1 and 4:1 are problematic; these slopes require stabilization with Erosion Control Blanket.

Slopes steeper than 3:1 are highly discouraged, will require additional permanent measures to withstand erosion, and may require a variance (Section 4.12).

9.2 STOCKPILES

During design, earthwork balance and timing of construction will determine the necessity of stockpiling. If stockpiling is anticipated, it must be noted on the GESC Plan, and must be within approved construction limits.

Stockpiling of material on construction sites or undeveloped lots shall be allowed only as a temporary condition for a maximum of six (6) months, unless otherwise approved by SEMSWA or the County, as applicable. Stockpile types and locations may be reviewed and approved by the Inspector. The following criteria apply to all stockpiles:

- Side slopes of stockpiles not being actively worked must be flatter than 3:1. Appropriate Control Measures to control erosion of the slopes must be used.
- Soils that will be stockpiled for an extended period must be stabilized. If soil is to be stockpiled for more than 30-days and not actively worked, it shall be seeded and mulched within 14-days of stockpiling. If material is removed from the stockpile periodically throughout the life of the stockpile, appropriate Control Measures must be provided to address the disturbance caused by the removal operations.

10 GENERAL CONSTRUCTION PRACTICES

The Permittee and Contractor have the responsibility to review, understand, and comply with the GESC Plan - Standard Notes and Details. Several GESC Permit Program requirements pertaining to general construction practices are highlighted in the following sections. Noncompliance with these construction practices is not acceptable, will be a violation of the GESC Permit, and can be enforced upon by the Inspector.

10.1 LIMITS OF CONSTRUCTION

No work, storage of equipment, or stockpiling shall be allowed outside of the approved Limits of Construction. The Limits of Construction must be complied with and are enforceable by the Inspector.

10.2 STREET CLEANING

Throughout the life of a project, streets used for egress shall be kept clean and free of sediment that can be tracked. In the event of accidental tracking of mud or dirt on streets, the mud and/or dirt shall be cleaned immediately using a vacuum-type street sweeper, a brush-type street sweeper with dust control, or manually using shovels and brooms.

Any damage to the street from mechanical methods of street cleaning shall be repaired at the Permittee expense.

Streets can only be cleaned with water if all wash water is captured and prevented from entering the storm sewer system.

Tracking of sediment from a construction site is not acceptable, is a violation of the GESC Permit, and can be enforced by the Inspector.

10.3 DUST CONTROL

The GESC Manager shall be responsible for dust control on the site. Disturbed areas not yet ready to be seeded, land-scaped, paved, or otherwise stabilized, shall be watered, sprayed with a tackifier, mulched (without seed) or ripped as necessary to preclude visible dust emissions.

Dust that leaves the site in any amount that can be considered a safety issue is not acceptable, is a violation of the GESC Permit, and can be enforced upon.

10.4 CONSTRUCTION SITE WASTE CONTROL

Many potential pollutants other than sediment are associated with construction site activities. These pollutants include, but are not limited to, pesticides; fertilizers used for vegetative stabilization; petrochemicals; construction chemicals such as concrete products, sealers, and paints; wash water associated with these products; trash; paper; wood; garbage; detergents and solvents; and sanitary wastes. These wastes are described in Section 10.5.

Responsible handling and adequate disposal facilities shall be utilized for solid waste, including excess asphalt, concrete, wood, rebar and other construction wastes produced during construction.

Washing of equipment and machinery shall not be allowed on site, is a violation of the GESC Permit, and can be enforced upon.

Appropriately store, cover, and/or isolate all onsite potential construction-associated waste pollutants to prevent runoff of pollutants and contamination of ground water. The GESC Manager is responsible for both the management and cleanup of potential construction waste. Outdoor storage of bulk liquids is required to have secondary containment or equivalent protective measures in place.

Outdoor storage or any of the above items shall not be stored within the floodplain, is a violation of the GESC Permit, and can be enforced upon.

10.5 POTENTIAL POLLUTANTS AT A CONSTRUCTION SITE

Pollutant sources onsite must be identified and controlled using structural and/or non-structural controls to the Maximum Extent Practicable (MEP) as determined by the Inspector. Detailed descriptions of structural Control Measures for pollution control are given in Section 11. Though not an exhaustive list, the following are examples of common pollutant sources found on construction sites.

Failure to control any of these pollutant sources, or other potential pollutants is unacceptable, is a violation of the GESC Permit, and can be enforced by the Inspector.

PESTICIDES

Insecticides, fungicides, rodenticides, and herbicides are used on construction sites to reduce maintenance and fire hazards associated with weeds and woody plants. Rodenticides are also used to control rodents attracted to construction sites. Common insecticides employed include synthetic, relatively water-insoluble chlorinated hydrocarbons, organophosphates, carbamates, and pyrethrins.

PETROLEUM PRODUCTS

Petroleum products used during construction activities include fuels and lubricants for vehicles, for power tools, and for general equipment maintenance. Specific petroleum pollutants include gasoline, diesel oil, kerosene, lubricating oils, and grease. Asphalt paving also can be particularly harmful since it releases various oils for a considerable time after application. Additionally, many of these pollutants adhere to soil particles that can leave the site in runoff and pollute receiving waters.

NUTRIENTS

Fertilizers are used on construction sites when re-vegetating graded disturbed areas. Fertilizers contain nitrogen and phosphorus, which in large doses can adversely affect surface waters, causing eutrophication.

SOLID WASTES

Solid wastes on construction sites are generated from trees and shrubs removed during land clearing and structure installation. Other wastes include wood and paper from packaging and building materials, scrap metals, sanitary wastes, rubber, plastic and glass, and masonry and asphalt products. Common trash, including food containers, cigarette packages, leftover food, and aluminum foil also contribute to solid wastes at the construction site.

CONSTRUCTION CHEMICALS

Chemical pollutants, such as paints, acids for cleaning masonry surfaces, cleaning solvents, asphalt products, soil additives used for stabilization, sanitary wastes, and concrete curing compounds, may also be used on construction sites and carried in runoff.

SEDIMENT

Sediments are soils or other surficial materials transported or deposited by the action of wind, water, ice, or gravity, and often as a product of erosion. Sediments from construction sites can erode from land disturbed by the construction activities during a rainfall event that can leave the site in runoff.

10.6 EQUIPMENT MAINTENANCE

Equipment maintenance is to be conducted in the designated location within the Limits of Construction. Maintenance should not be conducted within 50 feet of a conveyance swale, drainageway, and/or storm sewer inlets.

10.7 SPILL AND LEAK CONTROL

Spills and leaks onsite must be cleaned up using dry methods whenever possible. If water or other liquid methods are used, the wash water must be collected and disposed of properly. Spilled substances and any associated cleaning residue must be prevented from reaching receiving waters and/or entering the storm sewer system.

Effective spill control is required to be implemented on construction sites. Onsite personnel must be trained on both spill prevention and spill response measures.

11 DESIGN, INSTALLATION, AND MAINTENANCE OF CONTROL MEASURES

This section identifies several temporary Control Measures accepted for use to control erosion and sediment runoff from construction sites. This section of the *GESC Manual* provides the design parameters to be specified for each Control Measure on the GESC Plan and the accompanying GESC Plan – Standard Notes and Details, criteria for sizing Control Measures, and required maintenance for each Control Measure.

11.1 USE OF CONTROL MEASURES

The GESC Plan submitted to SEMSWA or the County, as applicable, for approval and subsequently provided to the Contractor with the final construction drawings shall include a set of the GESC Plan - Standard Notes and Details. If there is a conflict between the design, installation, and/or maintenance of a Control Measure in the GESC Manual and the GESC Plan - Standard Notes and Details, the Inspector will determine the appropriate reference to use.

The GESC Permit Program recognizes that there will be new advances in the development of erosion and sediment Control Measures that may prove effective, or even out-perform controls currently accepted. SEMSWA or the County, as applicable, may allow the installation of alternative erosion and sediment Control Measures other than the GESC Plan - Standard Notes and Details. If alternative erosion and sediment Control Measures will be used, a cut sheet must be submitted to the Inspector.

SEMSWA or the County, as applicable, reserves the right to reject any Control Measure proposed or conditionally implemented. If the Control Measure does not perform with sufficient effectiveness, it would be considered a failed control by the Inspector. In the case of a failed alternate Control Measure, one or more of the GESC Permit Program's standard Control Measures shall replace the failed control, at the Permittee's expense.

Standard GESC Control Measures are listed here in alphabetical order for easy reference.

11.2 CHECK DAM (CD) / REINFORCED CHECK DAM (RCD)

The purpose of the Check Dam (CD) is to trap sediment in the backwater zone upstream of the check and, when used in series, to reduce flow velocities. CDs are used only for construction activities within a drainageway. CDs are not to be used to capture sediment transport from any activity near the stream. Once sediment is in the stream from a construction activity, it is a violation of the GESC Permit, and can be enforced upon. Therefore, appropriate Control Measures shall be used upland to keep sediment from entering the drainageway. The State does not recognize the use of any Control Measure within drainageways. Any Control Measure placed within a drainageway must have the appropriate permit from the Corps.

A Reinforced Check Dam (RCD) is a rock dam contained within a twisted wire gabion, designed to withstand overtopping, that is placed in a major drainageway. Like a check, the purpose of the reinforced check is to trap sediment in the backwater zone upstream of the check. The reinforcement increases the ability of the rock dam to withstand the larger overtopping flows of major drainageways.

If disturbance to a drainageway is significant, such that excessive amounts of sediment may be transported downstream, a CD, reinforced or non-reinforced, shall be installed immediately downstream of the disturbed area in the drainageway. If several areas of disturbance are in close proximity, one CD at the downstream end of the construction may be appropriate. In general, CDs will be used infrequently at typical construction sites since Control Measures shall be configured to control erosion and trap sediment outside of the limits of drainageways;

CDs are only to be used for specialized, permitted stream channel work.

DESIGN

Design parameters to be specified on the GESC plan include the following items:

- Type of check dam (check dam or reinforced check dam).
- Length (L) dimension.
- Crest length (CL) dimension.
- Depth (D) dimension.

The type of check is based on the drainage area upstream of the CD. An RCD shall be used for drainage areas greater than 130 acres. A non-reinforced CD may be used for drainage areas less than 130 acres or as approved by SEMSWA or the County, as applicable. A Reinforced Rock Berm (RRB) may be used as a check dam for drainage areas less than 20 acres (see Section 11.11).

Dimensions are to be specified to ensure that the check conforms to the existing drainageway cross section shape and provides adequate overtopping capacity.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements of CD and RCD:

- Riprap utilized for CDs shall be sized to withstand overtopping and to fit the drainageway and shall be sized per UDFCD criteria.
- Minimum size riprap shall be VL.
- Riprap pad shall be trenched into the channel banks to adequately anchor with the center of the check dam lower to allow for overtopping at the crest.
- Sediment accumulated upstream of the CD shall be removed when the sediment depth upstream of the check dam is within approximately 1/2 of the height of the crest.
- Gabions shall have galvanized twisted wire netting with a maximum opening dimension of 4 1/2" and an appropriate gauge to withstand anticipated flows. Wire hog rings at 4" spacing or other approved means shall be used at all gabion seams and to secure each gabion to the adjacent gabion.
- The GESC Manager shall inspect the CD and/or RCD and maintain in good operating condition.

11.3 CONCRETE WASHOUT AREA (CWA)/GROUT WASHOUT AREA (GWA)

A concrete and/or grout washout area is a contained area to isolate concrete truck and grout washout operations. A Concrete Washout Area (CWA) shall be provided when concrete work is performed. A Grout Washout Area (GWA) shall be provided when grout work is performed.

DESIGN

- If there is a potential for high ground water, the CWA/GWA must have an impervious liner. For portable concrete washouts, sizing of the portable container should be per the manufacturer recommendations.
- The CWA/GWA shall be located a minimum of 50 feet from storm drain inlets, open conveyance channels, drainage facilities and waterways.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements for CWA:

- A sign shall be placed at each washout area to clearly indicate the location of the CWA/GWA to operators of concrete trucks and pump rigs.
- Excavated material may be utilized in perimeter berm construction.
- If there is a potential for high ground water, the CWA/GWA must have an impervious liner.
- The CWA/GWA shall be repaired, enlarged, and/ or cleaned out as necessary to maintain capacity for wasted concrete.
- As needed during construction and at the end of construction, all concrete or grout waste shall be removed from the site and disposed of at an approved waste site.
- The GESC Manager shall inspect washout areas and maintain in good operating condition.

11.4 CONSTRUCTION FENCE (CF)/CONSTRUCTION MARKERS (CM)

Construction Fence (CF) consists of orange plastic fencing or other accepted material attached to support posts and is used to delineate Limits of Construction and to control access to the construction site. When construction within a drainageway is unavoidable, the Design Engineer shall delineate construction limits that restrict activities to the smallest area possible. CF or Construction Markers (CM) shall be indicated on the GESC Plan within the drainageway corridor to indicate the allowable limits of disturbance. In the same manner, CF or CM shall be shown on the GESC Plan throughout the site to identify all Limits of Construction, except in the case of single-family individual lot home construction (Section 3.3).

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Location of construction fence or line of markers.
- Length (L) in lineal feet of construction fence or line of markers.

CF or CM shall be shown throughout the site to identify the Limits of Construction. CF or an appropriate alternative method of delineating the project limit shall be required along all drainageways and sensitive resources.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements for CF/CM:

- CM consisting of painted or flagged lath at approximately 100-foot spacing may be used to delineate the Limits of Construction, if approved by SEMSWA or the County, as applicable.
- Steel tee posts shall be utilized for support of construction fence as appropriate to site conditions.
- The GESC Manager shall inspect CF/CM and maintain in good operating condition.

11.5 DEWATERING AS IT RELATES TO SURFACE WATER (DW)

Dewatering controls typically consist of a gravel filter provided on the suction end of a pump to reduce the pumping of sediment, and a riprap pad at the discharge end of the pump for erosion protection. DW may require a sediment basin or filter bag large enough to provide for settling before the water is discharged onto the ground for infiltration or to a temporary settling basin.

Dewatering of groundwater operations is covered by State permits. The Permittee is responsible for obtaining and complying with State-issued permits.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- The location of all proposed DW operations.
- The recommended size of the dewatering pump. The size shall be determined to provide sufficient capacity for the proposed pumping rates and may be modified by the Contractor if necessary.
- In addition, SEMSWA or the County, as applicable, may require a Water Control Plan if site conditions warrant.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements for DW:

- All DW shall be in accordance with the requirements of any State permits.
- DW operations shall use one or more of the dewatering sumps shown in the GESC Plan - Standard Notes and Details or other means approved by SEMSWA to reduce the pumping of sediment and shall provide a temporary basin for settling pumped discharges prior to release.
- The discharge point shall be to a stabilized area.
- The discharge end of the line shall be staked to prevent movement from the stabilized discharge point.
- Maintenance shall occur per manufacturer's specification for dewatering bags, and replaced when full or ruptured.
- Sediment shall be removed from sediment basins when volume is reduced by 50%.
- The GESC Manager shall inspect dewatering systems and perform any necessary repairs or maintenance as necessary.

11.6 DIVERSION DITCH (DD)

A Diversion Ditch (DD) is a small earthen channel used to divert and convey runoff, generally to a Sediment Basin, Check Dam, or Reinforced Rock Berm. Depending on slope, the DD may need to be lined with one of the following: Erosion Control Blanket, plastic (for temporary installations only), PVC, or riprap.

A temporary DD may be necessary at upslope and downslope perimeters, at the top of steep slopes, and downstream of slope drains. DD shall be sized and stabilized according to the criteria below.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Lining of DD (earth, Erosion Control Blanket, riprap, or plastic).
- Length of each type of ditch.
- Depth (D) and width (W) dimensions and slope.
- Location.
- In addition, if the ditch lining is Erosion Control Blanket or riprap, the type of Erosion Control Blanket and size of riprap (D50) needs to be specified.

- Lining type is based on slope of the ditch: unlined- slope equal to or less than 0.5%; ECB lined- slope 0.5%-3%; riprap lined—slope 3%-33%; plastic lined- slope 3%-33%. Dimensions shall be specified to ensure that the ditch adequately conveys runoff from a 2-year return period event for site conditions expected during the operation of the Control Measure. Ditches or drainageways conveying a 2-year flow rate exceeding 10 cfs shall require specific calculations and a design analysis by the Design Engineer.
- Runoff rate.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- In locations where construction traffic must cross a DD, the GESC Manager shall install a temporary culvert that conveys the same flow as the ditch.
- If a DD fills in with sediment, the DD must be maintained to ensure a 2-year flow capacity.
- The GESC Manager shall inspect all DDs and shall ensure they are maintained in good operating condition.

11.7 EROSION CONTROL BLANKET (ECB)

Erosion Control Blanket (ECB) is a fibrous blanket of straw, jute, excelsior, or coconut material trenched in and staked down over prepared soil to reduce both wind and water erosion. ECB, or acceptable equivalent (See Appendix F, Flexible Growth Medium (FGM) detail), shall be required for any disturbed channel banks and all slopes steeper than 4:1. An ECB may be used for lining of a Diversion Ditch, or for temporary stabilization under a downspout (See Appendix D, Page 4). The Design Engineer shall indicate approximate limits of ECB, or equivalent, on the GESC Plan.

DESIGN

Parameters to be specified on the GESC Plan include the following items:

- Type of blanket (straw, straw-coconut, coconut, or excelsior); type of blanket shall be based on the shear stress associated with the design flow, as discussed below.
- Dimensions shall be specified to ensure that the blanket provides protection.
- Area (A) in square yards for each type of blanket.
- Location or dimension information.

All ECB shall have double sided netting. All ECB and netting should be made of 100% natural and biodegradable material and shall have a minimum product life of 2-years for channel bank applications and 12-month product life for slope applications.

ECB shall be specified based on the judgment of the Design Engineer, but at a minimum, blanket in drainageways shall be sized for the shear stress from a 2-year return period event for site conditions expected during the operation of the matting. Table 6-1 provides the maximum shear stress and velocity, based on unvegetated channel conditions, for allowable types of ECB.

A double-net straw or excelsior blanket shall be used for all slopes steeper than 4:1, outside of drainageways. Concave slope areas that may concentrate sheet flows as well as all other drainage channels (up to the top of the banks) shall require a double-net 70% straw / 30% coconut, double-net 100% coconut, or double-net 100% excelsior blanket based on the shear stress and velocity of the new or disturbed channel. The shear stresses and velocities

shown in Figure 6-1 shall be considered the maximum allowable values. Channels where velocities and stresses exceed those shown in Figure 6-1 shall require specific calculations and a design analysis by the Design Engineer.

Shear stress and velocity in ditches and drainageways may be calculated based on the following formulas: Shear stress (lbs/sf) = $62.4 * D * S$, where:

D (ft) = maximum flow depth for the design (2-yr) storm event; S (ft/ft) = drainageway slope;

Velocity (ft/sec) = Q/A , where: Q (cfs) = flow rate for the (2-yr) storm event; A (sf) = cross-sectional area.

Table 6-1 Erosion Control Blanket Type

TYPE	COCONUT CONTENT	STRAW CONTENT	MIN. WEIGHT (lbs/sy)	MANNING'S N VALUE (varies with depth as shown)	ALLOWABLE MAX. SHEAR STRESS (lbs/sf)	ALLOWABLE MAX. VELOCITY (fps)
STRAW	0%	100%	0.5	0.018 for D>=2.0' 0.050 for D<=0.5'	Not allowed in drainage ways or diversion ditches	
STRAW- COCONUT	30% MIN.	70% MAX.	0.5	0.018 for D>=2.0' 0.050 for D<=0.5'	1.75	5.0
COCONUT	100%	0%	0.5	0.018 for D>=2.0' 0.050 for D<=0.5'	2.25	5.0
EXCELSIOR	NA	NA	0.7	0.028 for D>=2.0' 0.066 for D<=0.5'	2.00	5.0

For depths between 0.5 and 2.0-feet, the solution will be iterative, continuing until the depth corresponding to the Manning's N value is within 0.25-feet of the calculated depth. The maximum drainageway shear stress and velocity calculated using the above equations shall be less than the values indicated in Figure 6-1 for the type of blanket specified. This criterion is for temporary ditches and permanent channels designed to be grass-lined. For permanent channels, the types of ECB shown shall be considered to comprise temporary erosion control only until vegetation can be established. The ECB shown herein shall be fabricated from 100 percent natural or biodegradable materials. ECB, as discussed in this section, is to be provided for temporary stabilization of permanent drainageways or roadside ditches that have been designed to be stable with grass or vegetative lining. The ECB is to provide erosion protection until the vegetation is established, and it is therefore an important component of an effective GESC Plan.

Figure 6-1. Erosion Control Blanket Design Criteria

		Shear Stress, lbs/sf										
		0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	>2.25	
Velocity, fps	1	All four types of ECB allowed					All but 100% straw allowed		Excelsior 100% and coconut allowed		100% coconut allowed	
	2											
	3											
	4											
	5											
	>5	Outside allowable range										

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- All ECB shall be double-sided netting and be made of 100% natural and biodegradable material; no plastic or other synthetic material, even if photodegradable, shall be allowed.
- Unless otherwise approved by SEMSWA or the County, as applicable, in areas where ECB is shown on the plans, the GESC Manager shall place topsoil and perform final grading, surface preparation, and seeding below the blanket in accordance with the GESC Plan - Standard Notes and Details, Seeding and Mulching. Subgrade shall be smooth and moist prior to ECB installation and the ECB shall be in full contact with the subgrade; no gaps or voids shall exist under the ECB. Sufficient stakes will be used to keep blanket in contact with the soil to facilitate vegetation growth.
- Staking spacing dimensions on center shall be based on expected sheer velocities.
- Perimeter anchor trench shall be used at the outside perimeter of all ECB areas.
- Follow all manufacture installation specifications.
- Depending on location, 2 x 4 wedge stakes may be required to be removed prior to Final Close-out.
- The GESC Manager shall inspect ECB and maintain in good operating condition.

11.8 GRADE DIFFERENTIAL/CURB CUT BACK (GD/CCB)

A Grade Differential/Curb Cut Back (GD/CCB) Control Measure is a temporary sediment trap formed by excavation behind the curb/sidewalk/roadway. This Control Measure's purpose is to intercept sediment-laden runoff from the site during construction and retain sediment on the lot. The hardscape (sidewalk, curb, or roadway) acts as a barrier to retain the stormwater long enough for the sediment to drop out before it leaves the site.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Location of the GD/CCB.
- Length (L) of the GD/CCB.
- Generally, the maximum allowable tributary drainage area per 50 lineal feet of GD/CCB is approximately 5,000 sq ft depending on the slope. Longer and steeper slopes require additional measures. When installed as perimeter control, it should be installed in a way that will not produce concentrated flows.
- Excavate soil from behind the curb, sidewalk, or roadway 3-4 inches down from the top of the hardscape and bring the soil back 3-4 feet from the hardscape. The depth and length of the excavated area may be increased if more sediment storage is needed or if the tributary area is greater than 50 lineal feet per 5,000 sq ft.
- Do not use in areas with 3:1 slopes or greater, or areas with concentrated flow.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- The excavated area must be cleaned regularly as site conditions or rain events cause sediment deposition in the excavated area. Inspect this Control Measure to ensure the excavated area is at a minimum of 3-4 inches in depth and has a width of at a minimum of 3-4 feet.
- Remove accumulated sediment when berms or off-set cut reaches 1/3 capacity. Do not allow sediment to overflow onto curb or sidewalk.
- Do not store construction material within the GD/CCB excavated area.
- The GESC Manager shall inspect GD/CCB and maintain in good operating condition.

11.9 GROUT MIXING STATIONS (GMS)

A Grout/Mortar Mixing Station (GMS) area is a contained area to isolate grout/mortar mixing operations. A GMS Control Measure shall be provided when masonry work of any size or dimension is to be performed.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- A note that the location of all proposed GMS operations will be determined in the field. The GESC Manager shall locate the GMS a minimum of 50 feet from storm drain inlets, open conveyance channels, drainage facilities and waterways.
- The proposed containment device shall be a minimum of 4" in height; earthen berm, concrete block enclosure, wood frame securely fastened around entire perimeter, or other approved method.
- A minimum 10 mil plastic liner covering entire mixing area shall be securely fastened to the raised containment device.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Area large enough to provide adequate containment of all mixing operations.
- Excavated material may be utilized in perimeter berm construction.
- All materials to be stored adjacent to the GMS shall be on pallets and be covered.
- All grout/mortar washout shall be contained in an approved CWA/GWA.

- At the end of construction, the liner and all grout/mortar waste residue shall be removed from the site and disposed of at an approved waste disposal site.
- The GESC Manager shall inspect the GMS and maintain in good operating condition.

11.10 INLET PROTECTION (IP)

Inlet Protection (IP) consists of a small reinforced rock berm and cinder block frame placed in front of (but not completely blocking) a curb inlet or around an area inlet to reduce sediment in runoff entering the storm sewer system. At some point during a significant storm event, the Inspector may request that IP within the Right-of-Way be removed to allow for safe passage by vehicles. In this instance, sufficient time will be given to replace the IP that has been removed for safety reasons.

Storm sewer inlets on a site shall be provided with IP Control Measure. The GESC Plan shall specify whether the Control Measure is an area, sump, or continuous grade IP to be used in a particular location. The continuous grade curb sock IP is intended to trap sediment upstream of an inlet on a continuous grade street without causing any bypass of flow around the inlet. Sump and area IP is also designed to maintain inlet capacity after runoff flows over the wire-enclosed rock.

DESIGN

IP shall be shown on the GESC Plan at all street and area inlets. The GESC Plan shall indicate the type of IP, either sump or continuous grade for curb-opening inlets, or area IP. Determining the length of the reinforced rock berm to fit the inlet is the responsibility of the GESC Manager, as is providing temporary IP in accordance with the GESC Plan - Standard Notes and Details.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Interim configuration of IP in streets (before paving) shall be installed immediately after pouring of the inlet and the concrete has taken initial set.
- IP (after paving) shall be installed immediately after paving is placed.
- Wire mesh shall be twisted into a mesh with a maximum opening of 1.0-inch (commonly termed "Chicken Wire").
- Wire mesh shall be secured with wire ties at approximately 6-inch centers along all joints and at approximately 2-inch centers on ends of berm.
- Crushed rock shall be fractured face (all sides) and shall comply with gradation shown on the GESC Plan - Standard Notes and Details (1-1/2" minus). Recycled concrete may not be used.
- The top of reinforced rock berm shall allow for overtopping into the inlet.
- No gaps shall exist between sections of reinforced rock berms or cinder block frames.
- Tubular markers shall be placed on each end of IP located on streets where public access can occur.
- Reinforced rock berm or cinder block ends shall be placed tightly against curb face.
- IP is to remain in place until the upstream disturbed area is stabilized and grass cover approved, unless the Inspector approves earlier removal of IP.
- Maintain IP when there is evidence of significant sediment buildup.

- Replace IP if removed for public/vehicle safety during a significant storm event, as approved by the Inspector.
- The GESC Manager shall inspect IP and ensure it is maintained in good operating condition. More frequent inspections and repairs may be necessary during winter plowing conditions.

11.11 REINFORCED ROCK BERM (RRB)

A Reinforced Rock Berm (RRB) consists of a linear mass of gravel enclosed in wire mesh to form a porous filter, able to withstand overtopping. The berm is heavy and stable and promotes sediment deposition on its upstream side. Culvert inlets on a site shall be provided with an RRB.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Length (L) dimensions.
- Depth (D) dimensions.
- Location.
- If used in a Diversion Ditch or small drainageway, dimensions are to be specified to ensure that the RRB fits the drainageway cross section shape and provides adequate overtopping capacity. Multiple RRBs may be used as a Check Dam across swales and small drainageways for up to 20 acres of upstream drainage area.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Crushed rock shall be fractured face (all sides) and shall comply with gradation shown in the GESC Plan - Standard Notes and Details (1-1/2" minus). Recycled concrete may not be used.
- Wire mesh shall be wire twisted into a mesh with a maximum opening of 1.0-inch ("Chicken Wire").
- Wire mesh shall be secured wire ties at approximately 6-inch centers along all joints and at approximately 2-inch centers on ends of berm.
- Sediment accumulated upstream of RRB shall be removed when the sediment depth upstream of filter is 50% of the height or if the rock becomes further clogged.
- The GESC Manager shall inspect RRB and ensure it is maintained in good operating condition.

11.12 SEDIMENT BASIN (SB)

A Sediment Basin (SB) is an impoundment that captures sediment-laden runoff and releases it slowly, providing prolonged settling times to capture coarse and fine-grained soil particles. Runoff from disturbed drainage areas exceeding 1 acre shall be treated in a SB. Runoff from disturbed areas less than 1 acre may be treated in a Sediment Trap.

DESIGN

Design parameters shall be specified on the GESC Plan and include the following items:

- Location.
- Outlet release design based on Table 6-2 below.
- The SB design shown on the GESC Plan - Standard Notes and Details provided in Appendix F shall be used for any disturbed drainage area greater than 1 acre. The standard SB is appropriate for use for disturbed

drainage areas up to 15 acres. For drainage areas greater than 15 acres, an alternate design approach will be required as approved by the Inspector, and justified with calculations included within the report.

- The SB discharge point must be to a stabilized area that does not drain back into a disturbed area.

Sizing information for the SB design (based on providing a minimum initial storage volume equal to 1,800 cubic feet per upstream acre) shall be determined from Table 6-2. As shown on the GESC Plan - Standard Notes and Detail sheets, the standard SB features a pipe outlet drilled with a single column of orifice holes. The hole diameter shown in Table 6-2 will drain the upper 1.5 feet of the SB in about 40 hours.

Table 6-2. Sizing Information for Standard Sediment Basin

Upstream Drainage Area (rounded to nearest acre), (ac)	Basin Bottom Width (W), (ft)	Spillway Crest Length (CL), (ft)	Hole Diameter (HD), (in)
1	16	2.0	7/16
2	22	4.0	5/8
3	27	6.0	3/4
4	31	8.0	7/8
5	35	10.0	1.0
6	38	12.0	1 1/8
7	41	14.0	1 1/4
8	44	16.0	1 1/4
9	47	18.0	1 3/8
10	49	20.0	1 3/8
11	52	22.0	1 1/2
12	54	24.0	1 1/2
13	56	26.0	1 5/8
14	59	28.0	1 5/8
15	61	30.0	1 3/4

Outlet facilities for extended detention basins that provide a drain time of 40-hours may be used as the SB outlet, with proper outlet Control Measures in place.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- A gravel pack of rock around the pipe outlet shall be provided. The rock needs to be sized appropriately to not clog the outlet.
- Sediment accumulated within the SB shall be removed when the design storage volume is no more than 1/3 filled with sediment.

- The SB volume shall be maintained to the design intent and kept in a maintained condition until vegetation in upstream watershed is fully established and accepted.
- Trash and debris shall be removed from the SB to prevent clogging at the outlet.
- The GESC Manager shall inspect the SB Control Measure and shall ensure it is maintained in good operating condition.

11.13 SEDIMENT CONTROL LOG (SCL)

A Sediment Control Log (SCL) consists of a cylindrical bundle of excelsior, straw, or coconut material designed to form a semi-porous filter, able to withstand overtopping.

DESIGN

Design parameters to be specified on the GESC Plan shall include the following items:

- Location of the SCL.
- Length (L) of the SCL.
- Generally, the maximum allowable tributary drainage area per 50 lineal feet of SCL, installed along the contour, is approximately 5,000 sq ft depending on the slope. Longer and steeper slopes require additional measures. This recommendation only applies to SCL installed along the contour. When installed for other uses, such as perimeter control, it should be installed in a way that will not produce concentrated flows. For example, a "J-hook" installation may be appropriate to force runoff to pond and evaporate or infiltrate in multiple areas, rather than concentrate and cause erosive conditions parallel to the SCL.
- SCL shall not be used across swales or drainageways.
- In most cases, SCL shall be located on the contour. SCL may be shown running up or down slight slopes.

INSTALLATION AND MAINTENANCE

SCL shall be staked into the ground to promote sediment deposition on its upstream side and a reduction in flow velocities.

Key Installation and Maintenance Requirements:

- The SCL shall be trenched into the ground per manufacturer instructions.
- SCL shall be maintained when upstream sediment reaches 50%.
- The GESC Manager shall inspect and ensure SCL is maintained in good operating condition.

11.14 SEDIMENT TRAP (ST)

A Sediment Trap (ST) consists of a riprap berm with a small upstream basin that acts to trap coarse sediment particles. It may be used for upstream disturbed areas less than 1 acre. Runoff from disturbed areas exceeding 1 acre shall be treated in a Sediment Basin.

DESIGN

Design parameters shall be specified on the GESC Plan and include the following items:

- Location, length (L) and width (W) dimensions. A ST may be used for upstream disturbed areas less than 1 acre. ST dimensions shall be specified to provide a storage volume equal to 1,800 cubic feet per upstream acre.
- ST designed in series shall require a specific calculation and a design analysis by the Design Engineer.
- Overtopping must occur on stabilized surfaces, to include well-vegetated areas, riprap, or pavement.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- The top of the earthen berm shall allow for overtopping at the crest.
- The ends of the riprap outlet structure shall be higher than the center of the outlet structure to allow for overtopping at the crest.
- Sediment accumulated within in the ST shall be removed when volume is reduced by approximately 50%.
- The GESC Manager shall inspect the ST and ensure it is maintained in good operating condition.

11.15 SEEDING AND MULCHING (SM)

Seeding and Mulching (SM) consists of drill seeding disturbed areas with the approved SEMSWA seed mix and crimping in straw mulch to provide immediate protection against water and wind erosion and, as the grass cover becomes established, to provide long-term stabilization of exposed soils.

For permanent stabilization (i.e. final grading is completed), the GESC Permit Program requires that the disturbed area be permanently seeded and mulched. If the time of year does not allow for seeding operations to be effective, the Permittee may be granted an extension on the seeding requirement, however; mulching of the area will be required. The Permittee will be required to seed and mulch the disturbed area by the date that is provided by the Inspector on the inspection report.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Area (A) in acres to be SM.
- Type of seed mix.

All projects include a seed mix recommendation provided by a Landscape Architect with sufficient knowledge of the project. If a Landscape Architect does not provide a seed mix, then SEMSWA or the County's standard seed mix shall be specified. The main requirements include the following:

- Existing topsoil shall be stripped to a depth of six inches (unless otherwise approved) from areas to be disturbed. The stripped topsoil shall be stockpiled during grading operations, then replaced to a depth of at least six inches in all areas to be seeded. If quantities of on-site topsoil are inadequate to provide a replaced depth of six inches, the Permittee/Contractor will have to import topsoil or amend/condition the soil as approved by the Inspector. All disturbed areas are to be ripped prior to placing topsoil. Topsoil shall be thoroughly loosened prior to seeding to a depth of at least six inches.
- Seeding shall be accomplished using a drill seeder at a depth of seeding not less than 1/4-inch and not more than 3/4-inch and at the rates specified in the GESC Plan - Standard Notes and Details. In small areas that are impossible to drill seed, the Permittee/Contractor, with the Inspector's prior approval, may hand

broadcast seed at twice the drilled rate, lightly rake to cover the seed, and crimp mulch. Information on seed types in the standard seed mixes is provided in Appendix F

- Straw mulch shall be applied at a rate of 4,000-pounds per acre and mechanically crimped into the soil and tackified where needed. In places where straw mulch cannot be mechanically crimped due to site constraints, Hydraulic mulch may be considered, with approval from the Inspector.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- All areas to be seeded and mulched shall have native topsoil or appropriately conditioned soil spread to a depth of at least 6-inches (loose depth).
- All disturbed areas shall be loosened (tilled) to a depth of 6-inches prior to spreading topsoil.
- The top 6-inches of the seed bed shall be generally free of rocks, woody debris and soil clods.
- Stockpiles/areas that are being temporarily seeded do not require topsoil prior to seeding and mulching.
- Seed shall be applied using a mechanical drill to a depth of not less than 1/4-inch and not more than 3/4-inch. Row spacing shall be no more than 6-inches. Material used for mulch shall consist of long-stemmed straw. At least 50-percent of the straw, by weight, shall be as long in length as possible. Mulch shall be applied and mechanically anchored to a depth of at least 3-inches at a rate of 4,000-pounds of straw/acre.
- Copies of seed tickets shall be provided to the Inspector, upon request.
- Temporary Irrigation is highly encouraged to assist with growth of vegetation.
- Seeded and mulched areas shall be inspected for required coverage monthly, until the site reaches final acceptance. Repairs and re-seeding and mulching shall be undertaken for any areas failing to meet the required coverage until final acceptance. Required coverage is defined as 70% of the existing/preconstruction condition, free of eroded areas, and free from infestation of noxious weeds.
- Tackifier shall be utilized to help with straw displacement.

11.16 SILT FENCE (SF)

Silt Fence (SF) or Reinforced Silt Fence (SFR) is a temporary sediment barrier constructed of woven fabric stretched across supporting posts. The bottom edge of the fabric is placed in an anchor trench that is backfilled with compacted soil.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Location of SF.
- Length (L) in linear feet of SF.
- SF works most effectively when placed relatively level, on the contour, to capture and filter approaching sheet flow. It is not suited for concentrated flow or for large upstream drainage areas. The following criteria shall apply to the use of SF:
 - SF shall not be used across swales or drainageways.
 - SF shall be located on the contour. SF may be shown running up or down slight slopes.
 - The average upslope length of the area draining to an individual section of SF shall not exceed 100 disturbed feet and the total area draining to a section of SF shall not exceed 10,000 square feet of disturbed area.

- SF located at the toe of a slope should be placed a minimum of five feet offset from the toe to allow for maintenance activities.
- SF used to protect the drainageway from upland construction activities shall be wire-backed.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- The bottom portion of the SF shall be trenched in and compacted per the GESC Plan - Standard Notes and Detail. SF installation machines that use trenching or slicing may be utilized to install SF.
- Sediment accumulated upstream of SF shall be removed when the upstream sediment reaches 25%.
- SF near the roadway is the responsibility of the Permittee/Contractor to maintain, even if damaged from public snow removal operations.
- The GESC Manager shall inspect SF and ensure it is maintained in good operating condition.

11.17 SLOPE INTERCEPT DITCH (SID)

A Slope Intercept Ditch (SID) is a small earth channel with accompanying earthen berm cut in on the contour used to check stormwater surface flows from leaving a construction site and to prevent run-on of stormwater surface flows from undisturbed areas contiguous with the construction site.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Location and length of each SID.
- May be used in place of Silt Fence and Sediment Control Logs, as appropriate.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Material cut out of the SID should form a compacted berm adjacent to, on the construction side of the SID.
- Minimum SID depth shall be 10 inches.
- Compacted berm from SID spoils shall be a minimum 10 inches in height.
- Sediment accumulated in the SID shall be removed when half-full. Sediment shall be placed on and compacted with the adjacent berm.
- The GESC Manager shall inspect all SID and shall ensure they are maintained in good operating condition.

11.18 STABILIZED STAGING AREA (SSA)

A Stabilized Staging Area (SSA) consists of stripping topsoil and spreading a layer of angular granular material in the area to be used for a trailer, equipment, parking, storage, unloading and loading.

An SSA shall be provided near the main access point and ideally connected to the Vehicle Tracking Control.

DESIGN

Design parameters to be specified on the GESC Plan include the following:

- Location of SSA.
- Approximate area (A) in square yards of the SSA.

Gravel or road base may be used for the SSA. Recycled asphalt shall not be used. Recycled concrete may be used upon SEMSWA or County approval, as applicable.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- SSA shall be large enough to contain equipment, parking, storage, and unloading and loading operations.
- SSA shall consist of a minimum thickness of 3 inches of angular granular material.
- The GESC Manager shall inspect the SSA and ensure it is maintained in good operating condition.

11.19 STREET SWEEPING (SS)

Street Sweeping consists of cleaning mud and other debris which is tracked onto impervious surface at a construction site. Street sweeping shall be used for incidental tracking and is not to be used as a perimeter Control Measure or as the sole Control Measure. Removing all tracked mud from the streets reduces or eliminates sediment transport to downstream structures and receiving water.

Any damage from sweeping public streets may require repair to the street and shall be paid for by the Permittee.

DESIGN

No design is required for SS.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Any mud tracked onto the street shall be cleaned using a vacuum-type street sweeper, a brush-type street sweeper with dust control, or manually using shovels and brooms.
- Ensure all appropriate permits for sweeping public streets are obtained.
- Streets shall not be washed with water at any time unless all water is contained and collected.
- The GESC Manager shall inspect streets and ensure they are free of dirt and debris.

11.20 SURFACE ROUGHENING (SR)

Surface Roughening (SR) consists of creating a series of grooves or furrows on the contour in all disturbed, graded areas to trap rainfall and reduce the formation of rill and gully erosion. This is an effective Control Measure that can be used to control runoff for areas of the site and provides a layered Control Measure approach, or treatment train approach to limit runoff and sediment transport.

DESIGN

Since SR is to be performed for all disturbed, graded areas on a site, the location of SR does not need to be indicated on the plan.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Disturbed surfaces shall be roughened using ripping or tilling equipment on the contour or tracking up and down a slope using equipment treads.
- The GESC Manager shall inspect SR and shall ensure it is maintained in good operating condition.

11.21 TEMPORARY SLOPE DRAIN (TSD)

A Temporary Slope Drain (TSD) is a small culvert, plastic rundown or riprap rundown to convey runoff down a slope or channel bank to reduce the occurrence of rill and gully erosion.

A TSD shall be used to convey runoff down a channel bank or slope to the bottom of a drainageway. When a ditch, constructed to convey runoff, intersects a slope or channel bank, a TSD, consisting of pipe, plastic, or riprap, shall be required to convey diverted water from the DD down the slope or channel bank.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Type of TSD (pipe, riprap lined, or plastic lined).
- Location and length (L) in linear feet.
- "D" dimension and "D50" size.
- Dimensions are to be specified to ensure that the TSD provides capacity equal to a 2-year return period event for site conditions expected during the operation of the slope drain.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- An energy dissipater shall be placed at the outfall of the TSD.
- The GESC Manager shall inspect the TSD and ensure it is maintained in good operating condition.

11.22 TEMPORARY STREAM CROSSING (TSC)

A Temporary Stream Crossing (TSC) consists of culverts covered with rock to allow construction equipment to cross a stream. Excavation of the existing channel and disturbance is to be kept to a minimum.

Crossing drainageways with construction equipment requires a TSC. Appropriate Control Measures shall still be used to keep sediment from entering the drainageway. Any Control Measure placed within a drainageway must have the appropriate permits from the Corps, SEMSWA, and the County. In addition, SEMSWA or the County, as applicable, may require a Water Control Plan.

DESIGN

Design parameters to be specified on the GESC Plan include the following items:

- Location of TSC.
- Length (L), height (Y), overtopping depth (H), diameter (D) and number of culverts.

The type of TSC is based on the presence of baseflow and the shape of the channel. If there is any baseflow present, or the channel is relatively deep and narrow, a culvert crossing shall be used. For temporary culvert crossings, the Design Engineer shall specify pipe class, minimum cover, etc. to ensure that the culverts will bear the loads associated with the type of vehicles that may use the crossing. The structural capacity of the crossing may require specific calculations and a design analysis by the Design Engineer.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- Sediment accumulated upstream of TSC shall be removed when the sediment depth upstream of crossing is 50% or greater of the culvert opening.
- The GESC Manager shall inspect TSC and ensure it is maintained in good operating condition.

11.23 VEHICLE TRACKING CONTROL (VTC)

Vehicle Tracking Control (VTC) consists of a crushed rock pad that is 12 inches thick at all exit points for a site. VTC is intended to strip mud from tires prior to vehicles and equipment leaving the construction site.

VTC shall be provided at all exit points at the site. The number of access points at a construction site shall be minimized.

DESIGN

Design parameters to be specified on the GESC Plan include the following:

- Location of all VTCs.

INSTALLATION AND MAINTENANCE

Key Installation and Maintenance Requirements:

- VTC shall be installed at every access point from the construction site.
- VTC shall consist of hard, dense, durable stone, angular in shape and resistant to weathering. Rounded stone or boulders will not be acceptable. The stones shall not be smaller than 3-inches in size.
- Curb ramps of any type are not allowed in the curb section.
- VTC must be maintained whenever tracking is evident, or at the discretion of the SEMSWA Inspector.
- Construction Fence (CF) will be required along each side of the VTC.
- The GESC Manager shall inspect the VTC and ensure it is maintained in good operating condition.

11.24 VEHICLE TRACKING CONTROL WITH WHEEL WASH (WW)

Vehicle Tracking Control with Wheel Wash (WW) does not need to be specified. It shall be used if specifically required by the Inspector. Typically, if vehicle tracking onto public streets is a repetitive violation, a WW will be required by the Inspector.

DESIGN

No design is required.

INSTALLATION AND MAINTENANCE

WW consists of a gravel and riprap pad at the main exit point for the site with an adjacent wash water/sediment trap. If a Contractor is required to implement this Control Measure, each wheel of all vehicles coming into contact with dirt or mud shall be cleaned using a high-pressure washer prior to the vehicle leaving the site.

12 AUTHORIZATION OF THE GESC MANUAL

The *GESC Manual* is jointly authorized and approved by the SEMSWA Board of Directors and the County BOCC.

SEMSWA

Phone: 303-858-8844

Fax: 303-267-9550

Email: semswamain@semswa.org

Web: www.SEMSWA.org

Arapahoe County

Public Works and Development

Engineering Services Division

720-874-6500

Web: <https://www.arapahoegov.com/561/Permitting-and-Inspections>

Other

Colorado Department of Public Health and
Environment

Water Quality Control Division

Phone: 303-692-3500

Web: www.colorado.gov/cdphe

U.S. Army Corps of Engineers, Omaha District
Tri-Lakes Project Office

Phone: 303-979-4120

Fax: 303-979-0602

United States Department of the Interior
Fish and Wildlife Division

Phone: 303-326-7400

Urban Drainage and Flood Control District

Phone: 303-455-6277

Fax: 303-455-7880

Web: www.udfcd.org

Federal Emergency Management Agency
Region VIII

Phone: 303-235-4800

Fax: 303-235-4976

Web: www.fema.gov

Cherry Creek Basin Water Quality Authority

Phone: 303-779-4525

Fax: 303-773-2050

Web: www.cherrycreekbasin.org

Arapahoe County Weed Control Specialist
Arapahoe County Government - Public Works
and Development

Phone: 720-874-6713

Fax: 303-794-3201

Web: www.co.arapahoe.co.us

HOLD HARMLESS LETTER FOR EARLY START OF GRADING

Land Development Engineering Manager Southeast
Metro Stormwater Authority (SEMSWA) 7437 South
Fairplay Street
Centennial, CO 80112-4486

☐ Planning Commission Approval

☐ County BOCC Approval

Engineering Services Division Manager
Public Works and Development
6924 S. Lima Street
Centennial, CO 80112

☐ County Engineering Services Division Manager
Approval

Subject: Early Start (Grading Only) for:

Project No: _____

Project Name: _____

To Whom It May Concern,

We are requesting an early start on implementing the Grading, Erosion and Sediment Control (GESC) Plan(s) for the project. The Construction Drawings, Phase III Drainage Report, and/or other technical documents have not yet been approved by SEMSWA, the City of Centennial, or Arapahoe County, as applicable. In order to start this work, we understand that the GESC Plan(s) must be complete, submitted to SEMSWA or the County, as applicable for review and approval, the GESC Permit complete, submitted, and approved, and the collateral posted. We agree that no impervious area will be created at the site as part of this early grading.

We further understand that any work that occurs under this Early Grading Hold Harmless Letter will be at the risk of the owner. Specifically, any changes required for the GESC Plan(s) or GESC Permit resulting from approved Construction Drawings, or other applicable documents, will be the responsibility of the owner. We acknowledge that SEMSWA or the County, as applicable will not be held responsible for those changes or the cost of those changes. We shall be responsible for all the costs associated with any changes that may be required under the GESC Plan(s), Report and/or Permit.

I have read the GESC Manual, specifically the GESC Permit Policies, and understand that the owner assumes all of the risk of completing grading prior to approval of development plans for a site. Approval of the GESC Plan(s) and Report does not imply approval of other engineering concepts or documents associated with a submittal. Prior to the issuance of the approved GESC Permit, we will submit the required collateral for the revegetation/stabilization of the site and/or all of the erosion and sediment control measures that are required to be installed per the GESC Plan for the development site.

Sincerely,

(Owner's Name, Title, and Signature)

Date: _____

Arapahoe County GESC Permit

Engineer's Cost Estimate Spreadsheet for Initial and Interim Control Measures

Note: Initial and Interim Control Measures shall be added together for the Cost Estimate

Project Name: _____

Date: _____

No.	CONTROL MEASURE	ID	Unit	Installation Unit Cost	Initial / Interim Quantity	Initial / Interim Cost
1	Check Dam	CD	LF	\$ 24.00		\$ -
2	Compost Blanket	CB	SF	\$ 0.36		\$ -
3	Compost Filter Berm	CFB	LF	\$ 2.00		\$ -
4	Concrete Washout Area	CWA	EA	\$ 100.00		\$ -
5	Construction Fence	CF	LF	\$ 2.00		\$ -
6	Construction Markers	CM	LF	\$ 0.20		\$ -
7	Dewatering	DW	EA	\$ 600.00		\$ -
8	Diversion Ditch (2-yr flow less than 10 cfs)	DD	LF	\$ 1.60		\$ -
9	Erosion Control Blanket	ECB	SY	\$ 5.00		\$ -
10	Inlet Protection	IP	EA	\$ 200.00		\$ -
11	Reinforced Check Dam	RCD	LF	\$ 36.00		\$ -
12	Reinforced Rock Berm	RRB	LF	\$ 9.00		\$ -
13	RRB for Culvert Protection	RRC	LF	\$ 9.00		\$ -
14	Sediment Basin (Based on area tributary to the SB)	SB	AC	\$ 1,000.00		\$ -
15	Sediment Control Log	SCL	LF	\$ 2.00		\$ -
16	Sediment Trap	ST	EA	\$ 600.00		\$ -
17	Seeding & Mulching (Less than 10 Acres)	SM	AC	\$ 2,500.00		\$ -
	(Greater than 10 Acres)	SM	AC	\$ 1,500.00		\$ -
18	Silt Fence	SF	LF	\$ 2.00		\$ -
19	Stabilized Staging Area	SSA	SY	\$ 2.00		\$ -
20	Surface Roughening	SR	AC	\$ 600.00		\$ -
21	Temporary Slope Drain	TSD	LF	\$ 30.00		\$ -
22	Temporary Stream Crossing	TSC	EA	\$ 1,000.00		\$ -
23	Terracing	TER		\$ -		\$ -
24	Vehicle Tracking Control	VTC	EA	\$ 1,000.00		\$ -
25	VTC with Wheel Wash	WW	EA	\$ 1,500.00		\$ -
26	Mobilization (required on all projects)	MB	LS	\$ 5,000.00	1	\$ 5,000.00
27	Pond Maintenance/Sediment Removal (Based on area tributary to the SB pond)	PM	AC	\$ 1,000.00		\$ -
28	Rock/Curb Sock	CS	LF	\$ 16.00		\$ -
29	Street Maintenance (Required on all projects) (Based on lane miles of streets within project and frontage)	SM	LM	\$ 500.00		\$ -

Total Cost of Initial & Interim Control Measures

\$ 5,000.00

Updated March 2024 2022

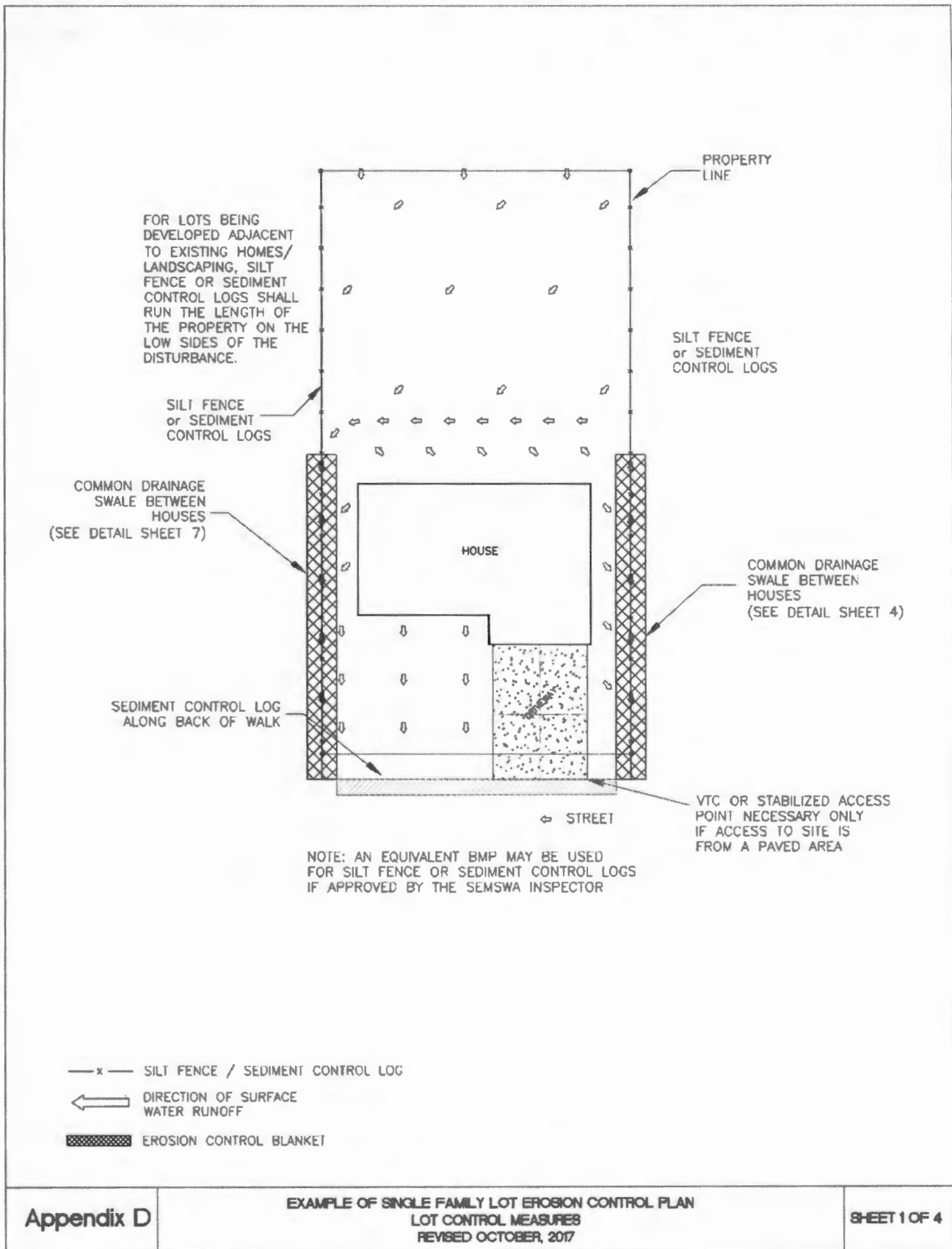
Arapahoe County GESC Permit
Engineer's Cost Estimate Spreadsheet for Final Control Measures

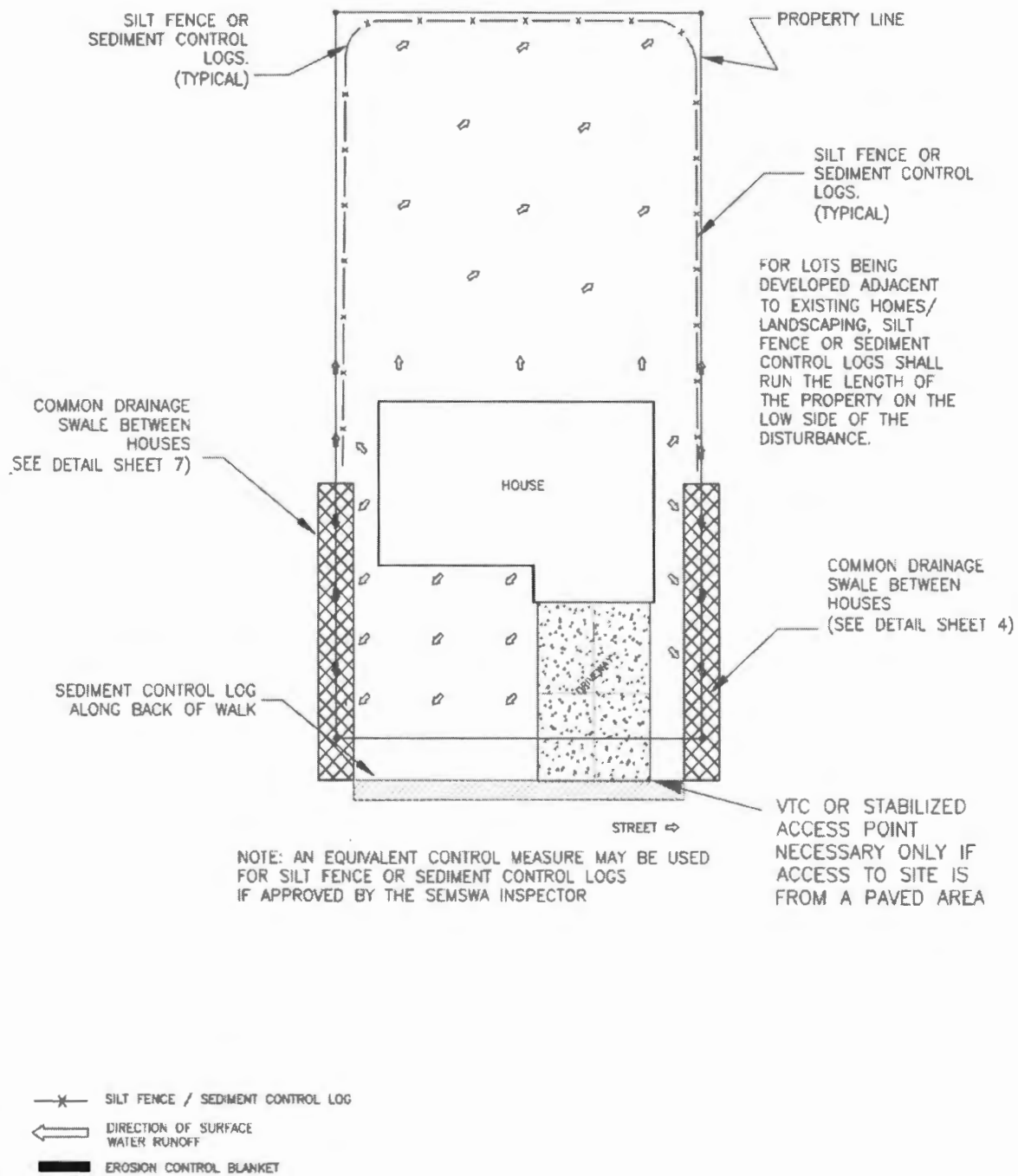
Project Name: _____

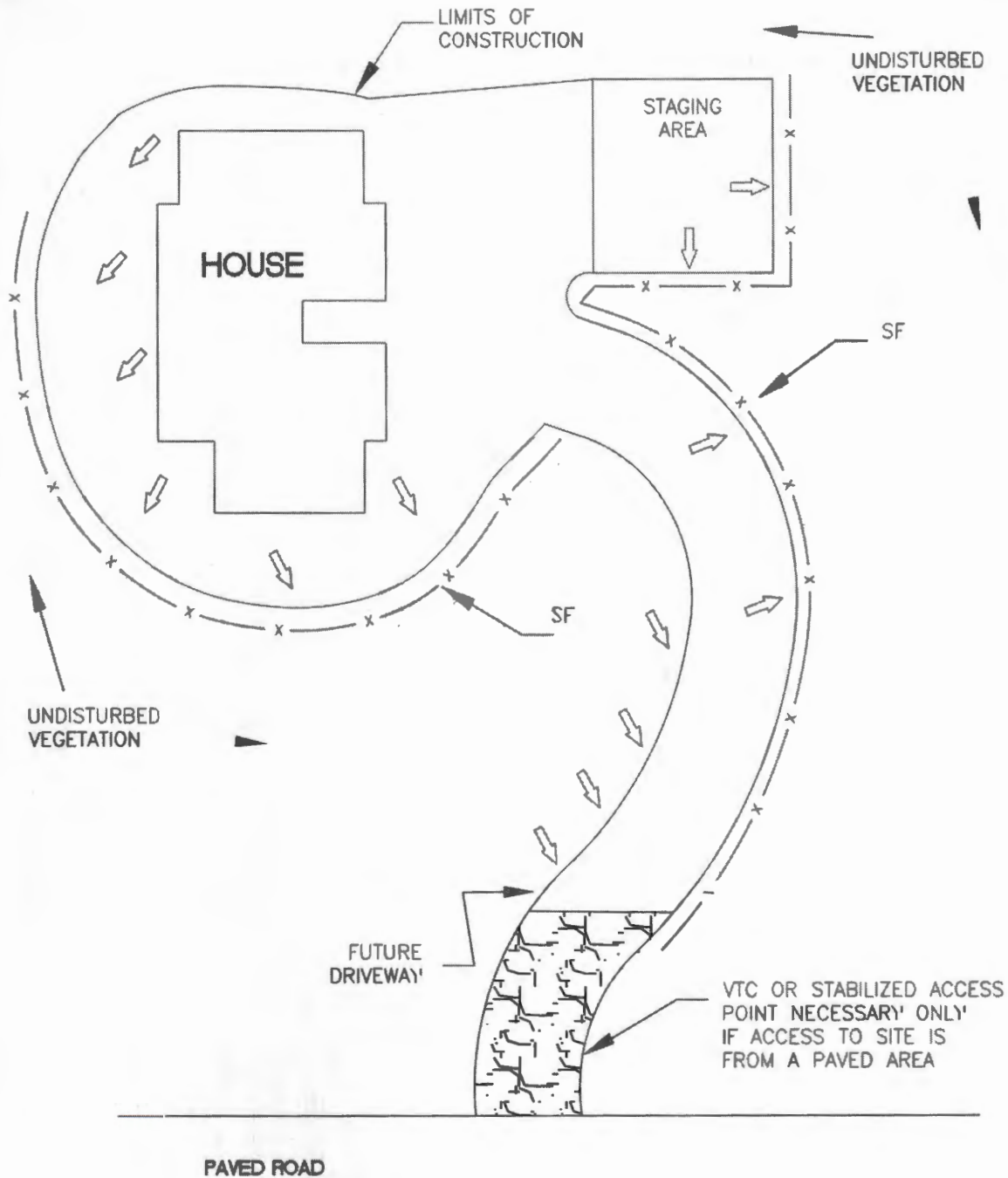
Date: _____

No.	CONTROL MEASURE	ID	Unit	Installation Unit Cost	Final Quantity	Final Cost
1	Check Dam	CD	LF	\$ 24.00		\$ -
2	Compost Blanket	CB	SF	\$ 0.36		\$ -
3	Compost Filter Berm	CFB	LF	\$ 2.00		\$ -
4	Concrete Washout Area	CWA	EA	\$ 100.00		\$ -
5	Construction Fence	CF	LF	\$ 2.00		\$ -
6	Construction Markers	CM	LF	\$ 0.20		\$ -
7	Dewatering	DW	EA	\$ 600.00		\$ -
8	Diversion Ditch	DD	LF	\$ 1.80		\$ -
9	Erosion Control Blanket	ECB	SY	\$ 5.00		\$ -
10	Inlet Protection	IP	EA	\$ 200.00		\$ -
11	Reinforced Check Dam	RCD	LF	\$ 36.00		\$ -
12	Reinforced Rock Berm	RRB	LF	\$ 9.00		\$ -
13	RRB for Culvert Protection	RRC	LF	\$ 9.00		\$ -
14	Sediment Basin (Based on area tributary to the SB)	SB	AC	\$ 1,000.00		\$ -
15	Sediment Control Log	SCL	LF	\$ 2.00		\$ -
16	Sediment Trap	ST	EA	\$ 600.00		\$ -
17	Seeding & Mulching (Less than 10 Acres)	SM	AC	\$ 2,500.00		\$ -
	(Greater than 10 Acres)	SM	AC	\$ 1,500.00		\$ -
18	Silt Fence	SF	LF	\$ 2.00		\$ -
19	Stabilized Staging Area	SSA	SY	\$ 2.00		\$ -
20	Surface Roughening	SR	AC	\$ 600.00		\$ -
21	Temporary Slope Drain	TSD	LF	\$ 30.00		\$ -
22	Temporary Stream Crossing	TSC	EA	\$ 1,000.00		\$ -
23	Terracing	TER		\$ -		\$ -
24	Vehicle Tracking Control	VTC	EA	\$ 1,000.00		\$ -
25	VTC with Wheel Wash	WW	EA	\$ 1,500.00		\$ -
26	Mobilization (required on all projects)	MB	LS	\$ 5,000.00	1	\$ 5,000.00
27	Pond Maintenance/Sediment Removal (Based on area tributary to the SB pond)	PM	AC	\$ 1,000.00		\$ -
28	Street Maintenance (Required) (Based on lane miles of streets within project and frontage)	SM	LM	\$ 500.00		\$ -
29	Other: _____			\$ -		\$ -
Total Cost of Final Control Measures						\$ 5,000.00

Updated March 2021-2022



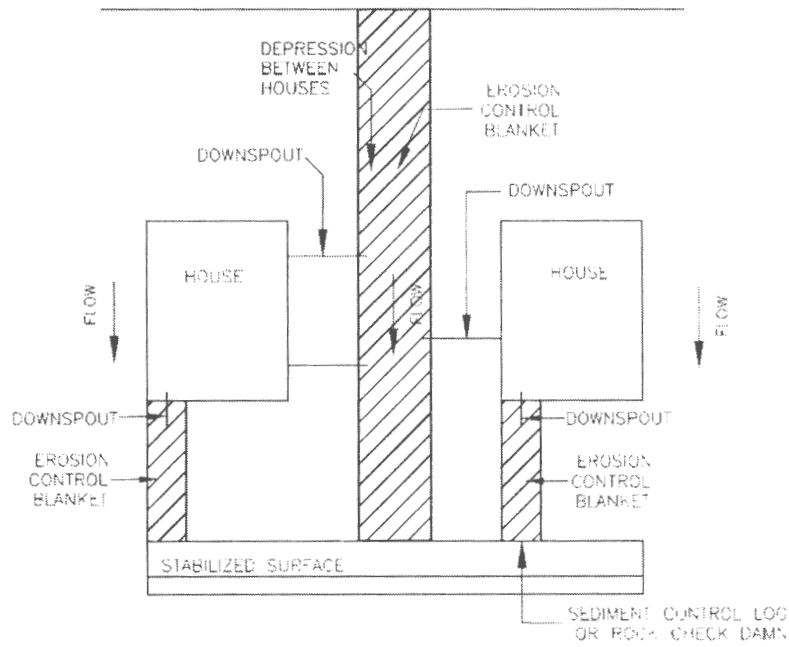




— x — SILT FENCE | SEDIMENT CONTROL LOG
 ← DIRECTION OF SURFACE WATER RUNOFF

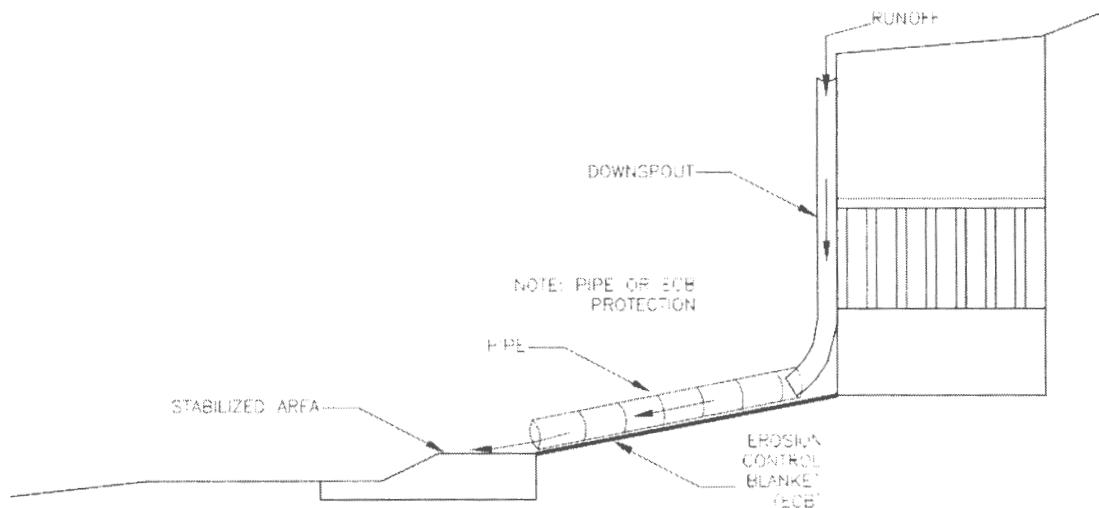
NOTE: THIS PLAN MAY BE USED WHEN ONLY A PART OF THE LOT IS DISTURBED.

**COMMON DRAINAGE SWALE AND DOWNSPOUT PROTECTION DETAIL
(BETWEEN HOUSES)**



NOTE: DETAIL MUST BE IMPLEMENTED WHEN DOWNSPOUTS ARE INSTALLED ON HOUSE(S)

EXAMPLE: DOWNSPOUT PROTECTION DETAIL



This checklist must be filled out and included in the Appendix of the GESC Report

Revised February 2019

Yes	No	N/A	GESC Requirements
I. GESC REPORT			
			A. COVER PAGE
			1. Project name and complete address
			2. Contact information of the applicant
			3. Contact information of the Professional Engineer preparing (or supervising the preparation of) the GESC Documents
			B. SIGNATURE PAGE
			1. The following note (above Certification Statements)
			"This <i>Grading, Erosion and Sediment Control (GESC)</i> document has been placed in the project file for this project and appears to fulfill the latest version of the <i>Grading, Erosion and Sediment Control Manual</i> . Additional grading, erosion and sediment Control Measures may be required of the owner or his/her agents, due to unforeseen erosion problems or if the submitted plan does not function as intended. The requirements of this GESC document shall run with the land and be the obligation of the land owner, or his/her designated representative(s) until such time as the plan is properly completed, modified or voided."
			2. Landowner Certification Statement (For landowner/ authorized agent acknowledging the review and acceptance of responsibility)
			"I hereby certify that the Grading, Erosion, and Sediment Control Measures for (Name of Subdivision/Development/address) shall be constructed according to the design presented in this document. I understand that additional erosion control, sediment control and water quality enhancing measures may be required of the owner and his or her agents due to unforeseen pollutant discharges or if the submitted plan does not function as intended. The requirements of the plan shall be the obligation of the land owner and/or his successors or heirs; until such time as the plan is properly completed, modified or voided."
			Owner or Authorized Agent _____
			Authorized Signature _____
			3. Professional Engineer Certification Statement (for the professional engineer acknowledging responsibility for the preparation of the GESC documents)
			"I hereby attest that this Grading, Erosion, and Sediment Control (GESC) document for (name of subdivision/development) has been prepared by me or under my direct supervision, and to the best of my knowledge and ability has been prepared in accordance with the latest version of the GESC Manual. The signature and stamp affixed hereon certifies that this GESC document was prepared in accordance with the required regulations and criteria; however, the stamp and signature does not certify or guarantee future performance of the execution of the plan by the contractor. The contractor is responsible for executing the

Yes	No	N/A	GESC Requirements
			<p>construction work according to the information set forth in the plan and in accordance with all applicable requirements.”</p> <p>Registered Professional Engineer _____</p> <p>State of Colorado No. _____</p> <p>Affix Seal w/date</p>
			C. GESC REPORT
			1. Project Description
			a. Describe the nature and purpose of the land disturbing activity
			b. Total area of the site
			c. Total area of disturbance
			d. Project location – including township, range, section and quarter-section (or the latitude and longitude of the approximate center of the project)
			e. Vicinity Map
			2. Existing Site Conditions
			a. Description of the existing topography, vegetation and drainage (Pictures of the existing vegetation are encouraged)
			b. Description of any wetlands on the site
			c. Description of any other unique features of the property.
			3. Adjacent Areas - Description of neighboring areas such as streams, lakes, Floodplain, residential areas, roads, etc., which might be affected by the land disturbance.
			4. Soils - A <u>brief</u> description of the soils on the site including information on soil type and names, mapping unit, erodibility, permeability, hydrologic soil group, depth, texture, and soil structure. This information may be obtained from the soil report for the site or the applicable Soil Survey prepared by the Natural Resources Conservation Service (NRCS). Include relevant portions of soil report or NRCS Soil Survey in an appendix.
			5. Area and Volumes
			a. An estimate of the quantity (in cubic yards) of excavation and fill involved (attempting to achieve an earthwork balance)
			b. Haul road information
			c. Surface area (in acres) of the proposed disturbance
			6. Control Measures – A summary of the Control Measures selected, designed, installed, implemented and maintained on site, including the timing of installation and removal.
			a. All sediment and erosion Control Measures as shown on GESC Plans.
			b. Land disturbance and storage of soils
			c. Vehicle Tracking
			d. Loading and unloading operations

Yes	No	N/A	GESC Requirements
			e. Outdoor storage or construction site materials, building materials, fertilizers, and chemicals
			f. Bulk storage of materials
			g. Vehicle and equipment maintenance and fueling
			h. Significant dust or particulate generating processes
			i. Routine maintenance activities involving fertilizers, pesticides, detergents, fuels, solvents and oils
			j. Concrete truck chute and associated fixtures and equipment washing
			k. Dedicated asphalt and concrete batch plants
			l. Other areas or operations where spills can occur
			m. Other non-stormwater discharges including construction dewatering not covered under the Construction Dewatering Discharges General Permit and wash water that may contribute pollutants to the MS4
			7. Permanent Stabilization - A brief description, including applicable specifications, of how the site will be stabilized after construction is complete
			8. Stormwater Management Considerations - Explain how stormwater runoff from and through the site will be handled during construction
			9. Maintenance - Any special maintenance requirements over and above what is identified in the Standard Notes and Details.
			10. Calculations – include in an appendix
			a. Sediment Basin Design Calculations
			b. Diversion Ditch Calculations
			c. Erosion Control Blanket/Matting selection
			D. ENGINEERS COST ESTIMATE
			A GESC Engineer's Cost Estimate, for Initial/Interim and Final GESC stages, including anticipated maintenance during the construction phase, shall be submitted in the GESC Report. Units shall be consistent between cost estimate and plans. Unit costs used to develop probable erosion and sediment control costs shall be those shown in the spreadsheet and shall not be modified.
			E. GESC PLAN AND REPORT CHECKLIST
			A copy of this GESC Plan and Report Checklist must be completely filled out, signed by the designer, and submitted with the GESC Report.

Yes	No	N/A	GESC Requirements
II. GESC PLANS (shall be a stand-alone document and not included in the Construction Drawings)			
			A. GESC PLAN COVER SHEET
			1. Name of Project/Site Name
			2. Project Address
			3. Owner Contact Information (Name, Company, Address, Phone)
			4. Engineer Contact Information (Name, Company, Address, Phone)
			5. Plan Sheet Index
			6. Case Number(s) in the lower left-hand corner
			7. The following note: "This <i>Grading, Erosion and Sediment Control (GESC)</i> document has been placed in the project file for this project and appears to fulfill the latest version of the <i>Grading, Erosion and Sediment Control Manual</i> . Additional grading, erosion and sediment Control Measures may be required of the owner or his/her agents, due to unforeseen erosion problems or if the submitted plan does not function as intended. The requirements of this GESC document shall run with the land and be the obligation of the land owner, or his/her designated representative(s) until such time as the plan is properly completed, modified or voided."
			8. GESC Drawing Design Engineer's signature block with name, date, and Professional Engineer registration number. Signature block shall include the following certification statement: "I hereby attest that this Grading, Erosion, and Sediment Control (GESC) document for (<i>name of subdivision/development</i>) has been prepared by me or under my direct supervision, and to the best of my knowledge and ability has been prepared in accordance with the latest version of the GESC Manual. The signature and stamp affixed hereon certifies that this GESC document was prepared in accordance with the required regulations and criteria; however, the stamp and signature does not certify or guarantee future performance of the execution of the plan by the Contractor. The Contractor is responsible for executing the construction work according to the information set forth in the plan and in accordance with all applicable requirements." Registered Professional Engineer _____ State of Colorado No. _____ Affix Seal w/date
			9. Landowner/authorized agent acknowledging GESC review and the acceptance of GESC responsibility. Signature block shall include the following certification statement: "I hereby certify that the Grading, Erosion, and Sediment Control Measures for (<i>Name of Subdivision/Development</i>) shall be constructed according to the design presented in this document. I understand that additional _____

Yes	No	N/A	GESC Requirements
			<p>erosion control, sediment control and water quality enhancing measures may be required of the owner and his or her agents due to unforeseen pollutant discharges or if the submitted plan does not function as intended. The requirements of the plan shall be the obligation of the land owner and/or his successors or heirs; until such time as the plan is properly completed, modified or voided."</p> <p>Owner or Authorized Agent _____</p> <p>Authorized Signature _____ Date _____</p>
			10. Approval Block (see Appendix G) 4.5" x 5.5"
			11. General Location Map at a Scale of 1-inch to 1000-feet to 8000-feet indicating:
			a. General vicinity of the site location
			b. Major roadway names and drainageways
			c. North arrow and scale
			B. GESC DRAWING INDEX SHEET
			For projects that require multiple plan-view sheets to adequately show the project area (based on the specified scale ranges), a single plan-view sheet shall be provided at a scale appropriate to show the entire site on one sheet. Areas of coverage of the multiple blow-up sheets are to be indicated as rectangles on the index sheet.
			C. INITIAL GESC DRAWING
			This plan sheet shall provide grading, erosion and sediment Control Measures for the initial clearing, grubbing and preparation of a project. At a minimum, it shall contain:
			1. Property lines, adjacent roads and drainageways
			2. Existing and proposed easements
			3. Existing topography at 1- or 2-foot contour intervals, extending a minimum of 100 feet beyond the property line or the limits of construction if the project goes beyond property lines
			4. Labeled location of any existing structures or hydrologic features within the mapping boundary
			5. Flow arrows
			6. Labeled floodplain delineation including Control Measures to delineate and protect floodplain (e.g. construction fence, construction markers, wire-backed silt fence)
			7. North arrow and scale
			8. Approval Block (see Appendix G) 4.5" x 2"
			9. Limits of construction encompassing all areas of work access points, storage and staging areas, borrow areas, stockpiles, construction trailer, and utility tie-in location in on-site and off-site locations.
			10. Stream corridors and other resource areas to be preserved and all other areas outside the limits of construction shall be lightly shaded to clearly show area not to be disturbed

Yes	No	N/A	GESC Requirements
			11. Location of stockpiles, including topsoil, imported aggregates, and excess material
			12. Location of storage and staging areas for equipment, equipment maintenance, fuel, lubricant, chemical (and other materials) and waste storage
			13. Location of borrow or disposal areas
			14. Location of temporary roads, including haul roads
			15. Location, map symbol, and letter callouts of all initial erosion and sediment Control Measures
			16. Location, map symbol, and letter callouts of Vehicle Tracking Control(s) (VTC)
			17. Location, map symbol, and letter callouts of Concrete Washout Area(s) (CWA)
			18. Location, map symbol, and letter callouts of dedicated asphalt and concrete batch plants.
			19. Locations of other areas or operations where spills can occur – Refer to Chapter 10.
			20. Location, map symbol, and letter callouts for any anticipated Dewatering (DW) activities. Note: Dewatering of groundwater is covered by State permits. The Permittee is responsible for obtaining and complying with State-issued permits
			21. Information to be specified for each Control Measure, such as type and dimensions as called for in Chapter 11 of the GESC Manual.
			22. The following notes:
			a. Appropriate Control Measures must be implemented prior to the start of land disturbance activity, must control potential pollutants during each phase of construction, and must be continued through final stabilization. Appropriate structural and non-structural Control Measures must be maintained in operational condition.
			b. See Standard Notes and Details (Sheet 1) for legend of Control Measures names and symbols.
			c. Any Control Measures shown that require grading, (e.g. sediment basins, sediment traps, concrete washout areas, etc.), shall not be placed until after the pre-construction meeting and issuance of the GESC permit, but must be fully functional prior to any large-scale grading. The initial plan illustrates existing conditions. No proposed infrastructure is shown.

D. INTERIM GESC DRAWING

This plan sheet shows Control Measures to control grading, erosion and sediment during the initial over lot grading, site construction and site re-vegetation process. The Interim GESC Plan shall show all the information included on the Initial GESC Plan, as noted below. At a minimum, it shall contain the following information:

Yes	No	N/A	GESC Requirements
			1. Existing topography and location of all existing erosion and sediment Control Measures on site, as shown on the Initial GESC Plan shall be screened/shaded back.
			2. Dimension and quantity information for Initial stage Control Measures shall not be shown.
			3. Items from the Initial GESC Plan (except #20 and #21).
			4. Proposed topography at 1- or 2-foot contour intervals, showing elevations, dimensions, locations, and slope of all proposed grading with flow arrows.
			5. Outlines of cut and fill areas. Summary of cut and fill volumes. If export occurs, note location where export will likely be transported to. Separate cut/fill sheet is permissible.
			6. Location of all interim erosion and sediment Control Measures designed in conjunction with the proposed site topography and implementing the Control Measures installed in the Initial GESC Plan.
			7. Locations of all improvements, drainage features and facilities, and other permanent features to be constructed in connection with, or as a part of, the proposed work, per approved plat or land use plan.
			8. The following notes:
			a. Appropriate Control Measures must be implemented prior to the start of land disturbance activity, must control potential pollutants during each phase of construction, and must be continued through final stabilization. Appropriate structural and non-structural Control Measures must be maintained in operational condition.
			b. See Standard Notes and Details (Sheet 1) for legend of names and symbols.
			c. Screened/shaded back Control Measures were installed in the Initial stage and shall be left in place in the Interim stage unless otherwise noted.
			d. Control Measures, including seeding and mulching of disturbed areas, must be completed within 14 days, if the area will remain undisturbed for a period greater than 30 days.
			e. All proposed slopes on this plan have a maximum slope of 3:1. Any slopes between 3:1 and 4:1 will require the use of erosion control blankets or flexible growth medium, as approved by the GESC Inspector.
			f. See Construction Plans for details of permanent drainage facilities such as detention facilities, water quality facilities, culverts, storm drains, and inlet and outlet protection.
			g. If site runoff enters the post-construction permanent Control Measure(s), sediment contamination of the materials may result in the post-construction permanent Control Measures(s) having to be reconstructed in its entirety. (Where applicable) Removal of sediment basin on site shall only occur after <u>all</u> areas tributary to

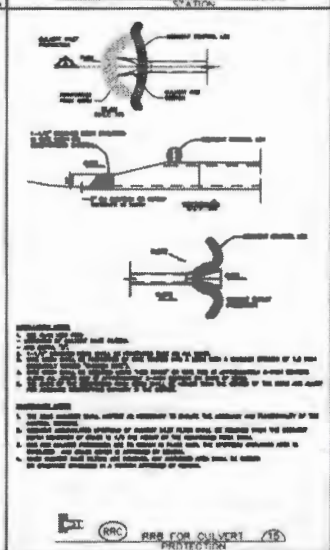
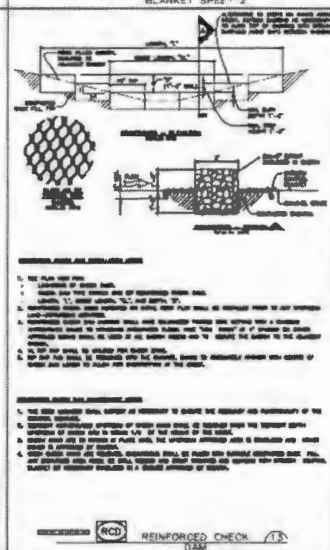
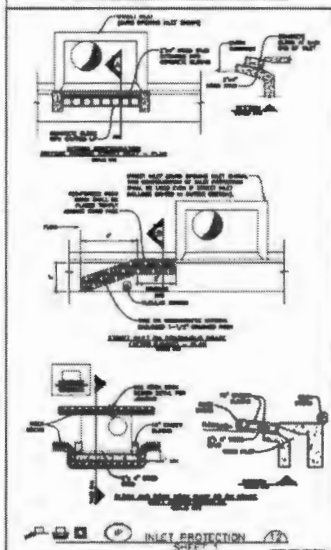
Yes	No	N/A	GESC Requirements
			the sediment basin have been stabilized. Removal must be approved by the GESC Inspector.
			E. FINAL GESC DRAWING
			This plan sheet shows controls for final completion of the site. The Final GESC Plan shall include all information shown on the Initial and Interim Plans, as noted below. At a minimum, this plan sheet shall contain the following information:
			1. Existing topography in areas of proposed contours need not be shown.
			2. Existing Initial and Interim Control Measures shall be shown, (screened/shaded back) . Dimension and quantity information shall not be shown for Initial and Interim Control Measures except for Control Measures to remain during final stabilization.
			3. Directional flow arrows on all drainage features.
			4. Items from the Interim GESC Plan (except #5 and #8).
			5. Label all Initial or Interim Control Measures (e.g. SSA, VTC, DW, etc.) that are to be removed and any resulting disturbed areas to be stabilized.
			6. Location of all Final erosion and sediment Control Measures (including seeding and mulching of any areas not stabilized in the Interim Plan), permanent landscaping, and any Control Measures necessary to minimize the movement of sediment off site until permanent vegetation can be established.
			7. Show and label areas of sod and permanent landscaping classifications per approved land use plan.
			8. The following notes:
			a. Appropriate Control Measures must be implemented prior to the start of land disturbance activity, must control potential pollutants during each phase of construction, and must be continued through final stabilization. Appropriate structural and non-structural Control Measures must be maintained in operational condition.
			b. See Standard Notes and Details (Sheet 1) for legend of names and symbols.
			c. Screened/shaded back Control Measures were installed in the Initial or Interim stage and, unless otherwise indicated, shall be left in place until approved by the GESC Inspector.
			d. All Interim Control Measures, including seeding and mulching or disturbed areas, must be completed within 14 days if the areas will remain undisturbed for a period greater than 30 days.
			e. All proposed slopes on this plan have a maximum slope of 3:1. Any slopes between 3:1 and 4:1 will require the use of erosion control blankets or flexible growth medium, as approved by the GESC Inspector
			f. See Construction Plans for details of permanent drainage facilities such as detention facilities, water quality facilities, culverts, storm drains, and inlet and outlet protection.

Yes	No	N/A	GESC Requirements
			g. Acceptance of the post-construction permanent Control Measures will not occur until all tributary areas to the permanent Control Measures are final stabilized.

F. GESC PLAN - STANDARD NOTES AND DETAILS

A copy of the GESC Plan - Standard Notes and Details (included in Appendix F) shall be bound into each set of GESC Plans.

Signature of Designer





54 Silt Fence Reinforced

1. Silt fence shall be constructed in accordance with the details shown on this sheet.

2. Silt fence shall be constructed of 12 inch wide base and 12 inch high wall.

3. Silt fence shall be reinforced with 1/2 inch diameter rebar spaced at 48 inches on center.

4. Silt fence shall be finished with 1/2 inch thick concrete finish.

5. Silt fence shall be constructed in accordance with the details shown on this sheet.

55 Silt Fence

1. Silt fence shall be constructed in accordance with the details shown on this sheet.

2. Silt fence shall be constructed of 12 inch wide base and 12 inch high wall.

3. Silt fence shall be finished with 1/2 inch thick concrete finish.

4. Silt fence shall be constructed in accordance with the details shown on this sheet.

56 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

57 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

58 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

59 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

60 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

61 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

62 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

63 Sediment and Mulching

1. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.

2. Sediment and mulching structure shall be constructed of 12 inch wide base and 12 inch high wall.

3. Sediment and mulching structure shall be finished with 1/2 inch thick concrete finish.

4. Sediment and mulching structure shall be constructed in accordance with the details shown on this sheet.



Southeast Metro
Stormwater
Authority

DETAIL NO.	SHEET NO.	LEGEND		
1	(1)		CBC	CUT BACK CURB
2	(1)		CD	CHECK DAM
3	(1)		CWA	CONCRETE WASHOUT AREA
4	(1)		CF	CONSTRUCTION FENCE
5	(1)		CM	CONSTRUCTION MARKERS
6	(1)		CS	CURB SOCK
7	(1)		DW	DEWATERING
8	(2)		DD	DIVERSION DITCH
9	(2)		ECB	EROSION CONTROL BLANKET
10	(2)		GMS	GROUT MIXING STATION
11	(2)		IP	INLET PROTECTION
12	(2)		RCD	REINFORCED CHECK DAM
13	(2)		RRB	REINFORCED ROCK BERM
14	(2)		RRC	RRB FOR CULVERT PROTECTION
15	(2)		SB	SEDIMENT BASIN
16	(3)		SCL	SEDIMENT CONTROL LOG
17	(3)		ST	SEDIMENT TRAP
18	(3)		SM	SEEDING AND MULCHING
19	(3)		SF	SILT FENCE
20	(3)		SID	SLOPE INTERCEPT DITCH
21	(3)		SSA	STABILIZED STAGING AREA
22	(4)		SR	SURFACE ROUGHENING
23	(4)		TSD	TEMPORARY SLOPE DRAIN
24	(4)		TSC	TEMPORARY STREAM CROSSING
25	(4)		VTC	VEHICLE TRACKING CONTROL
26	(4)		WW	VTC WITH WHEEL WASH
			LOC	ROCK AND RIPRAP GRADATIONS LIMITS OF CONSTRUCTION
			*EG	MAY MEET MAJOR MODIFICATION REQUIREMENTS

SEMSWA ACCEPTANCE BLOCK

Engineering & Construction Division

These plans have been reviewed by SEMSWA for Grading, Erosion, and Sediment Control Improvements Only.

COUNTY ACCEPTANCE BLOCK

Engineering Services Division

These plans have been reviewed by County for Grading, Erosion, and Sediment Control Improvements Only.

Dimensions shall be 4.5" by 5.5"

Appendix H: Definitions

Abatement: A form of enforcement where SEMSWA or the County, as applicable, may step in and take necessary action to mitigate non-compliance issues. The GESC Permit Holder must incur the costs of these actions.

Authorized Agent: Individual or agency responsible for maintaining compliance with the GESC permit requirements.

Burden of Proof: The obligation resting on a party to provide sufficient evidence for their position.

Check Dam (CD): Small rock dam designed to withstand overtopping, that is placed in a small stream or drainage way. The purpose of the check dam is to trap sediment-laden water in the backwater zone upstream of the check and to reduce flow velocities in a channel.

Collateral: All standard GESC Permittees and some Low Impact Permittees are required to post collateral in the form of Irrevocable Letter of Credit from a Colorado Bank or a National Bank with a Colorado Branch, or Cash Escrow in the form of a check. If the Collateral is in the form of a Letter of Credit, then the expiration date must be for a minimum of two years. The amount of collateral is based on the cost estimate of installing and maintaining the grading, erosions, and sediment controls required on a site.

Compensatory Action: Failure to comply with GESC requirements may result in temporary actions to mitigate the violation(s).

Concrete/Grout Washout Area (CWA, GWA): Shallow excavation with a small perimeter berm to isolate concrete truck washout operations.

Construction Activities: Refers to ground surface disturbing and associated activities (land disturbance), which include, but are not limited to, clearing, grading, excavation, demolition, installation of new or improved haul roads and access roads, staging areas, stockpiling of fill materials, and borrow areas. Construction does not include routine maintenance to maintain the original line and grade, hydraulic capacity, or original purpose of the facility. Activities to conduct repairs that are not part of regular maintenance or for replacement are construction activities and are not routine maintenance. Construction activity is from initial groundbreaking to final stabilization regardless of ownership of the construction activities.

Construction Fence (CF)/ Construction Markers (CM): Consists of orange plastic fencing, or other approved material, attached to support posts and used to control access to the construction site and delineate limits of construction.

Control Measure: Refers in the GESC Manual to a measure implemented by a contractor to control construction site erosion, sediment and waste. *Previously referred to as a Best Management Practice (BMP).

Control Regulation 72: The Cherry Creek Reservoir Control Regulation (5 CCR 1002-72).

Dewatering (DW): Consists of a gravel filter provided on the suction end of a pump to reduce the pumping of sediment and a rip rap pad at the discharge end of the pump to provide erosion protection. Dewatering includes settling the discharge water in a small basin or sediment pond before releasing to receiving waters.

Dewatering Permit: CDPS Permit issued by the Water Quality Control Division for the discharge of construction dewatering source water to waters of the state. Construction dewatering source water means groundwater, surface water, and stormwater that have mixed with the groundwater and/ or surface water (i.e. commingled stormwater runoff) that has come into contact with Construction Activities.

Diversion Ditch (DD): Small earth channel used to divert and convey runoff to a sediment basin, check dam, or drainage way.

Engineering Cost Estimate (ECE): Applicants are required to provide an estimate associated with implementing the GESC Permit documents. The ECE provides unit cost information that is used to generate the cost estimate. The ECE is used to quantify the collateral required for a project.

Erosion Control Blanket (ECB): Fibrous blanket of straw, excelsior, or coconut material trenched in and staked down over prepared, seeded soil. The matting reduces both wind and water erosion.

Grading, Erosion, and Sediment Control (GESC) Drawings: Illustrative portion of the GESC Plan that shows the location and extent of all grading, erosion, and sediment control BMPs as well as other associated information required by the GESC Manual.

Grading, Erosion, and Sediment Control (GESC) Inspector (Inspector): A SEMSWA or County representative, as applicable who visits construction sites to check for compliance with the GESC Permit.

Grading, Erosion, and Sediment Control (GESC) Manager: On-site representative who serves as the Permittee(s) contact person with the Inspector and who is responsible for ongoing compliance with the GESC Permit.

Grading, Erosion, and Sediment Control (GESC) Permit: Permit obtained from SEMSWA or the County, as applicable, prior to commencement of land disturbing activities as described in the GESC Manual.

Grading, Erosion, and Sediment Control (GESC) Plan: Plan submitted to SEMSWA or the County, as applicable for review and acceptance including GESC Drawings and the GESC Drawing and Report Checklist.

Grading, Erosion, and Sediment Control (GESC) Report: Report required to be submitted with the GESC Plan that details all aspects of the GESC Plan such as soils, areas, and volumes, etc.

Grout Mixing Stations (GMS): Contained area to isolate grout and/or mixing operations. A GMS shall be provided when masonry work is performed.

Hold Harmless Letter: Must be submitted if applicant wishes to obtain a GESC permit before the Construction Drawings are approved. The project must have received favorable recommendation from the Planning Commission or City Council/Board of County Commissioners. A letter acknowledging that the applicant is proceeding at their own risk and that there may be revisions that the applicant is required to implement after construction begins.

Illicit Discharge: Any prohibited direct or indirect non-stormwater discharge into the MS4.

Inlet Protection (IP): Reinforced rock berm placed in front of (but not blocking) a curb-opening inlet around an area inlet to reduce sediment in runoff entering the inlet.

Insert Slope Intercept Ditch (SID): Small earth channel with accompanying earthen berm cut in on the contour used to check stormwater surface flows from leaving a construction site and to prevent run-on of stormwater surface flows from undisturbed areas contiguous with the construction site.

Land Disturbing Activity: Any activity that results in a change in the existing land surface (both vegetative and non-vegetative). Land disturbing activities include, but are not limited to clearing, grading, excavation, demolition, installation of new or improved haul roads and access roads, staging areas, stockpiling of fill materials, and borrow areas. Compaction that is associated with stabilization of structures and road construction shall also be considered a land disturbing activity.

Larger Common Plan of Development or Sale: A contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules, but remain related. The Division has determined that "contiguous" means construction activities located in close proximity to each other (within ¼ mile).

Limits of Construction: Area shown in the GESC Plan that delineates areas in which construction activities can take place including staging, storage, and stockpiling.

Major Modifications: Modifications to the GESC plan involving re-engineering, or changes to the site hydrology, which may include changes to grading, drainage, design intent, beyond limits of a Control Measure, or eliminating a Control Measure. Control Measures that may meet Major Modification requirements are indicated with a "box" on the Legend in Appendix G.

Minor Modifications: Modifications to the GESC plan made throughout the project to address changes in site conditions that do not meet the Major Modifications definition and are generally a like for like, or more suitable Control Measure substitution.

Municipal Separate Storm Sewer System (MS4): State, city, town or other public entity-owned conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) designed to collect or convey stormwater.

Notice of Violation (NOV): A written notice provided by a GESC Inspector if a site is found to be in non-compliance with the GESC requirements. Violations must be remedied within 48 hours, or a Stop Work Order may be issued.

Permittee(s): Owner and Contractor that obtain a GESC Permit.

Reinforced Rock Berm (RRB): Linear mass of gravel enclosed in wire mesh to form a porous filter, able to withstand overtopping. The berm is heavy and stable and promotes sediment deposition on its upstream side as well as reducing flow velocities.

Sediment Basin (SB): An impoundment that captures sediment-laden runoff and releases it slowly, providing prolonged settling times to capture coarse and fine-grain sediment.

Sediment Control Log (SCL): Cylindrical bundle of excelsior, straw, or coconut designed to form a semi-porous filter, able to withstand overtopping, and promote sediment deposition on the upstream side and reducing flow velocities.

Sediment Trap (ST): Riprap berm with a small upstream basin that acts to trap coarse sediment particles.

Seeding (SE) and Mulching (MU): Consists of drill seeding disturbed areas with permanent grasses and mechanical crimping of straw mulch to provide immediate protection against raindrop and wind erosion and, as the grass cover becomes established, to provide long-term stabilization of exposed soils.

Silt Fence (SF): Temporary sediment barrier constructed of woven fabric stretched across supporting posts. The bottom edge of the fabric is placed in an anchor trench that is backfilled with compacted soil.

Stabilized Staging Area (SSA): Refers to stripping topsoil and spreading a layer of granular material in the area to be used for a trailer, parking, storage, unloading, and loading. A stabilized staging area reduces the likelihood that the vehicles most frequently entering a site are going to come in contact with mud.

Stop Work Order: A written notice provided by a GESC Inspector that revokes a GESC Permit as a result of a priority violation; Contractors receiving a Stop Work Order shall cease construction operations until the problem is addressed and a signed Stop Work Order Release Form is obtained.

Stormwater: Runoff generated from a precipitation event.

Stormwater Construction Permit: CDPS permit issued by the Water Quality Control Division to discharge stormwater associated with construction activities into waters of the state of Colorado.

Street Sweeping (SS): Consists of cleaning mud and other debris which is tracked onto impervious surface at a construction site. Street sweeping shall be used for incidental tracking and is not intended to be used as the sole BMP.

Subdivision Improvement Agreement (SIA): An Arapahoe County agreement that obligates the developer/owner to install the public facilities per the approved plans and fulfill any additional requirements specific to the site.

Surface Roughening (SR): Consists of creating a series of grooves or furrow on the contour in all disturbed, graded areas to trap rainfall and reduce the formation of rill and gully erosion.

Temporary Slope Drain (TSD): A small culvert or plastic lined channel to convey runoff down a slope or channel bank to reduce the occurrence of a rill and gully erosion.

Temporary Stream Crossing (TSC): A rock layer placed temporarily in a stream to allow construction equipment to cross. A stream crossing may include culverts or provide a low-water crossing, or ford.

Variance: A formal request made to SEMSWA or the County, as applicable by the Permittee to modify or alter existing engineering standards for a specific project.

Vehicle Tracking Control (VTC): Pad of rock at all exit points for a site that is intended to help strip mud from tires prior to vehicles leaving the construction site.

Waters of the State (of Colorado): Any and all surface waters and subsurface waters which are contained in or flow in or through this state, but does not include waters in sewage systems, waters in treatment works of disposal systems, waters in potable water distribution systems, and all water withdrawn for use until use and treatment have been completed. This definition can include water courses that are usually dry.

As Arapahoe County grows, so does the demand for installation of new underground utility lines, and upgrade and maintenance of existing lines. Many times this work is located in streets, where storm sewer inlets can be impacted, or along or across drainageways. Although the work is generally short lived, the close proximity to storm drainage systems provides an ample opportunity for contamination of stormwater runoff.

Section 3 of this Manual provides guidelines for determining whether a GESC permit is required for all types of construction activities. The installation and maintenance of utility lines in excess of 1000 linear feet open cut/trench requires a Standard GESC Permit. Installation and maintenance of utility lines less than 1000 linear feet open cut/trench within County right-of-way do not require a GESC permit, but must comply with the GESC requirements associated with a Street Cut and Right-of-Way Use Permit as issued by the County. Further discussion of these requirements follows later in this Section.

Utility Construction Requiring a GESC Permit

Utility line projects which require a GESC permit must adhere to the permitting process and submittal requirements set forth in this section.

At a minimum, all utility line construction and maintenance which require a GESC permit shall comply with the following:

- All utility work within Arapahoe County right-of-way shall be required to obtain an Arapahoe County Street Cut and Right-of-Way Use Permit in accordance with the *Infrastructure Design and Construction Standards*, as amended.
- Provide adequate erosion and sediment controls.
- At the end of a work day, no trench shall be left open. The trench shall be either backfilled to grade, or a steel plate shall be placed over the open portion of the trench. The steel plate shall be positioned and anchored in accordance with all applicable safety criteria and such that stormwater will not enter the trench.
- Where consistent with safety and space considerations, excavated material is to be placed on the uphill side of trenches.
- At **NO** time shall excavated material be placed in the curb, gutter, sidewalk, or in the street within 6-feet of the flowline.
- Limits of construction shall be large enough for a work area, temporary storage of excavated material and imported material, and equipment access to the project.
- Downslope perimeter controls shall be installed to the downslope perimeters of construction disturbance (generally the downhill site perimeters), perimeters along drainageways, and downslope perimeters adjacent to other areas to be left undisturbed. Sediment controls shall be located as close to the source of erosion as possible, on the downslope side of any disturbed area.
- Trench dewatering devices must discharge in a manner that will not affect streams, wetlands, drainage systems, or off-site property. Discharge from the trench shall be free of any sediment. A rock riprap pad shall be placed at the discharge end of hose to prevent any additional erosion. The **Dewatering (DW)** detail shall be complied with at the suction and discharge ends of the pumping facilities.
- **Inlet Protection (IP)** shall be provided whenever soil erosion from the excavated area has the potential of entering a storm sewer system.

- All disturbed areas shall be drill seeded and crimp mulched within seven days after utility work is completed. For larger projects, seeding and mulching shall be done in phases rather than at the end of construction.

Utility Construction Covered Under a Street Cut and Right-of-Way Use Permit

Utility line projects which do not require a GESC permit must adhere to the GESC requirements associated with a Street Cut and Right-of-Way Use Permit as issued by the County. The following summarizes the requirements for utility projects covered under a Street Cut and Right-of-Way Use Permit (does not require an individual GESC Permit).

Drawings. GESC drawings will not be required unless the work to be performed is out of the ordinary or is located in a sensitive area. The contractor must use approved Arapahoe County construction control measures (CMs), and maintain them throughout the construction process.

Collateral. The County will generally not require additional collateral for GESC requirements covered under a Street Cut and Right-of-Way Use Permit, as long as the contractor actively maintains their construction CMs. If the County determines that the contractor is not maintaining their construction CMs, and the site may negatively affect water quality in the area then the County will require additional collateral.

Enforcement. If the County finds the Permittee to be non-compliant with the GESC requirements under the Street Cut Right-of-Way Use Permit, the Permit may be revoked and a stop work order may be issued. When the contractor corrects the deficiencies, the County shall be notified and the Permittee will be required to attain new permits and pay a fee in accordance with the current County Penalty Fee Schedule and additional collateral will be collected. The County may require the contractor to obtain a Standard GESC Permit and shall submit all applicable plans and reports associated with this permit.

General Construction Control Measures. The Permittee must adhere to the list of requirements provided in this Appendix, as well as the following list of control measures while GESC requirements are being completed under a Street Cut and Right-of-Way Use Permit.

Pre-Construction Control Measures:

- Develop and implement erosion and sediment control plans/practices for the specific project that is being constructed.
- Schedule excavation and grading work for dry weather.
- Identify all storm drains, drainage swales and creeks located near the construction site and make sure all subcontractors are aware of their locations to prevent pollutants from entering them.
- Delineate clearing limits, easements, and setbacks. Sensitive or critical areas, trees, drainage courses, and buffer zones to prevent excessive or unnecessary disturbances and exposure. Phase in the process of clearing and grubbing the site on an as necessary basis rather than clearing and grubbing the entire work zone at one time, thus creating a maintenance item until such time that the area is under active construction.
- Designate a "Wash-out Area" on the job site in a grassy or graveled area where pooled water can soak into the ground. Use for all application and mixing equipment. If no "Wash-out Area" is available, washout into container, dispose in a posted "Wash-out Area" at another site (with owner permission) or return to the batch plant for disposal.

- Designate one area for parking, equipment/vehicle refueling, and routine maintenance. The designated area should be well away from gutter, storm drains, and creeks.

Construction Control Measures:

- Keep materials out of the rain. Store them under cover, with temporary roofs or plastic sheets protected from rainfall, runoff, run-on, and wind. Store all material away from creeks and storm drains. Cover stockpiles (road base, excavated material, etc.) and other materials with plastic tarps to protect from rain. Use berms/ 'rock socks' around the entire stockpile to prevent run-on and run-off.
- Clean up leaks, drips, and other spills immediately.
- Sweep and remove materials from surfaces that drain to storm drain inlets, creeks, or channels, throughout the workday. When precipitation is in the forecast increase the frequency of the sweeping.
- Make sure portable toilets are in good working order. Check frequently for leaks and service regularly.
- Designate one area for parking, equipment/vehicle refueling, and routine maintenance. The designated area should be well away from gutters, storm drains, and creeks.
- Maintain all vehicles and heavy equipment. Inspect frequently for leaks and repair as necessary.
- After breaking up old pavement and concrete, remove all chunks and pieces to avoid contact with rainfall and runoff.
- Catch drips from paving equipment with drip pans, absorbent material (cloth, rags, etc.) heavy cardboard or plywood place under the machine when not in use.
- When making saw-cuts in pavement (asphalt or concrete), use as little water as possible. Cover each storm drain inlet per the inlet protection detail during saw operation and contain the slurry. After the liquid drains or evaporates, shovel or vacuum the slurry residue from the pavement or gutter and remove it from the site.
- Completely sweep the streets immediately following milling operations. Use hand broom to clean up all areas that are not accessible to the street sweeper.
- Filter the water from concrete flow line sections that have been removed, left open and have collected rain/irrigation and then discharge. The inlet(s) that will receive the filtered water shall have the approved inlet protection installed.
- Delivered materials or excavated material shall not be placed in the flow-line.
- Diesel fuel shall not be used to lubricate equipment parts.
- Major equipment / vehicle repairs and washings shall not occur on site.
- Never hose down dirty pavement or surfaces. Clean up all spills and leaks using "dry" methods (with absorbent materials and/or rags). If spills occur on dirt areas, dig up and remove contaminated soil and dispose of properly.
- Concrete curing compound or tack oil shall not be sprayed if rain is on the "horizon."
- Do not discharge any concrete, slurry or rinse water into street, flow line, storm drains, or drainage channels from concrete activities and concrete pumping equipment.

Grading, Erosion and Sediment Control (GESC) Plan & Report Requirements for Oil & Gas Developments

The requirements presented in this section shall apply to Oil and Gas Developments located outside of the unincorporated Arapahoe County's MS4 permit boundaries and shall be used in conjunction with the Arapahoe County GESC Manual. The purpose of this Appendix is to aid the design engineer or applicant in the preparation of the GESC Plan & Report for Oil and Gas Developments. All other requirements not described in this Appendix shall follow the Arapahoe County GESC Manual.

Arapahoe County requires that a standard GESC Permit be obtained prior to beginning any grading for the purpose of Oil and Gas Development. Before a GESC Permit is issued, an approved GESC submittal and an approved land use document are required. All GESC Plans & Reports must be certified and prepared under the supervision of a Colorado registered Professional Engineer. The GESC Plan & Report will be valid for two years from the date of County approval.

The following includes two (2) different types of GESC submittals, a Standard Oil & Gas Development GESC submittal and a Field Wide GESC submittal. The follow describes requirements for both types. In order for the County to determine which submittal the development qualifies for, a GESC pre-study meeting shall be held with the Pre-submittal Case Engineer.

I. Standard Oil and Gas Developments GESC Plan & Report requirements are as follows:

- A. **GESC Drawing Cover Sheet:** Arapahoe County requires that all GESC submittals are independent of other engineering documents. The cover sheet shall include the following information:

1. Project name.
2. Project address (if applicable).
3. Owner contact information (Company, address, name and phone number).
4. Engineer Contact Information (Company, address, name and phone number).
5. Plan sheet index.
6. Case Number in the lower left-hand corner.
7. Professional Engineer's signature block with name, date and Professional Engineer registration number.

Signature block shall include the following certification statement:

"I hereby attest that the attached Grading, Erosion, and Sediment Control (GESC) Plan for (Name of Subdivision/Development) has been prepared by me or under my direct supervision, and to the best of my knowledge and ability has been prepared in accordance with the latest version of the Arapahoe County GESC Manual. The signature and stamp affixed hereon certifies that the GESC Plan was prepared in accordance with the required regulations and criteria; however, the stamp and signature does not certify or guarantee future performance of the execution of the plan by the Contractor. The Contractor is responsible for executing the construction work according to the information set forth in the plan and in accordance with all applicable requirements."

Registered professional Engineer _____

State of Colorado No. _____

Affix Seal w/Date

8. A note must be placed as follows:

The **Grading, Erosion and Sediment Control Plan** included herein has been placed in the Arapahoe county file for this project and appears to fulfill applicable Arapahoe county grading, erosion and sediment control criteria, as amended. Additional grading, erosion and sediment control measures may be required of the permittee(s) due to unforeseen erosion problems or if the submitted GESC plan does not function as Intended. The requirements of this GESC Plan of the permittee(s) until such time as the GESC plan is properly completed, modified or voided.

9. Landowner/authorized agent acknowledging GESC review and the acceptance of GESC responsibility. Signature block shall include the following certification statement:

"I hereby certify that the Grading, Erosion, and Sediment Control Measures for (Name of Subdivision/Development) shall be constructed according to the design presented in this document. I understand that additional erosion control, sediment control and water quality enhancing measures may be required of the owner and his or her agents due to unforeseen pollutant discharges or if the submitted plan does not function as intended. The requirements of the plan shall be the obligation of the land owner and/or his successors or heirs; until such time as the plan is properly completed, modified or voided."

Owner or Authorized Agent

Authorized Signature

Date

10. Arapahoe County GESC Approval Block, 4.5" x 5.5", at the bottom right corner of the sheet
11. General location map at a scale of 1-inch to 1000-feet to 8000-feet indicating:

- General vicinity of the site location.
- Major roadway names.
- North arrow and scale.

B. Initial & Interim GESC Drawing: The initial & interim plan shall show the area disturbed necessary to create the pad site, associated access roads, and all other areas of disturbance necessary to bring the well into production phase.

At a minimum, this plan sheet shall contain the indicated information:

1. Property line, adjacent roads and drainageways
2. North arrow and scale
3. Approval Block 4.5" x 2"
4. Existing and proposed easements.
5. Existing topography at one- or two-foot contour intervals, extending a minimum of 50 feet beyond the property line or the limits of construction if the project goes beyond property lines
6. Proposed topography at one or two-foot contour intervals, showing elevations, dimensions, locations, and slope of all proposed grading.
7. Location of any existing structures or hydrologic features within the mapping limit.
8. USGS Benchmark used for the project.
9. Limits of construction encompassing all area of work, access points, storage and staging areas, borrow areas, stockpiles including topsoil, imported aggregates and excess material (location of these area should be shown and labeled), and utility tie-in locations in on-site and off-site locations. All other areas outside the limits of construction shall be lightly shaded to clearly show area not to be disturbed.
10. Location of wells, drilling equipments, fracking equipment, storage, trailers, and other associated equipment necessary for the completion of the well.
11. Directional flow arrows on all drainage features.
12. Location of proposed roads.
13. Outlines of cut and fill areas and summary of cut and fill volumes.
14. Limits of major drainageways/floodplains within 100 feet of any proposed disturbance associated with the well facilities. Also specify the source of designation of the floodplains.

15. Information to be specified for each construction control measure (CMs), such as type, quantity and dimension.
16. Label constructions CMs as initial or interim.
17. The following notes:
 - Appropriate Control Measures must be implemented prior to the start of land disturbance activity, must control potential pollutants during each phase of construction, and must be continued through final stabilization. Appropriate structural and non-structural Control Measures must be maintained in operational condition.
 - See Standard Notes and Details (Sheet 1) for legend of Control Measures names and symbols.
 - Any Control Measures shown that require grading, (e.g. sediment basins, sediment traps, concrete washout areas, etc.), shall not be placed until after the pre-construction meeting and issuance of the GESC permit, but must be fully functional prior to any large-scale grading.
 - Control Measures, including seeding and mulching of disturbed areas, must be completed within 14 days, if the area will remain undisturbed for a period greater than 30 days.
 - All proposed slopes on this plan have a maximum slope of 3:1. Any slopes between 3:1 and 4:1 will require the use of erosion control blankets or flexible growth medium, as approved by the GESC Inspector.
 - Stockpile slopes are no steeper than 3 to 1 and not be exceed 10 feet in height. Stockpiles shall be placed a minimum of 100 feet away from drainageways, and must drain to a sedimentation pond.
18. Other information as may be reasonably required by Arapahoe County.

C. Final GESC Drawing: This plan sheet shall include site cleanup, permanent improvements, re-grading and re-vegetation of any disturbed areas and any additional temporary erosion and sediment controls necessary until the well site meets final stabilization. The Final GESC plan shall include all information shown on the Initial & Interim plan, as shown below. At a minimum, this plan sheet shall contain the indicated information:

1. Existing topography in areas of proposed contours need not be shown.
2. Location of permanent drainage features.
3. Existing initial/interim construction CMs shall be shown (screened/shaded back). Dimension and quantity information shall not be shown for Initial and Interim CMs except for CMs to remain during final stabilization.
4. Location of permanent improvements such as well heads, tanks, etc.
5. Location and limit of production area.
6. Location of Seeding and mulching
7. Limits of major drainageways/floodplains within 100 feet of any proposed disturbance associated with the well facilities.
8. Directional flow arrow on all drainage features.
9. Label any initial/interim construction CMs that are to be removed and any resulting disturbed area to be stabilized.
10. Location of all final erosion and sediment control construction CMs, permanent landscaping, and measures necessary to minimize the movement of sediment off site until permanent vegetation can be established.
11. Include the following notes:
 - Appropriate Control Measures must be implemented prior to the start of land disturbance activity, must control potential pollutants during each phase of construction, and must be continued through final stabilization. Appropriate structural and non-structural Control Measures must be maintained in operational condition.
 - See Standard Notes and Details (Sheet 1) for legend of Control Measures names and symbols.
 - Screened/shaded back Control Measures were installed in the Initial or Interim stage and, unless otherwise indicated, shall be left in place until approved by the GESC Inspector.
 - All Interim Control Measures, including seeding and mulching of disturbed areas, must be completed within 14 days, if the area will remain undisturbed for a period greater than 30 days.

- All proposed slopes on this plan have a maximum slope of 3:1. Any slopes between 3:1 and 4:1 will require the use of erosion control blankets or flexible growth medium, as approved by the GESC Inspector.
- Acceptance of the post-construction permanent Control Measures will not occur until all tributary areas to the permanent Control Measures are final stabilized.

12. Other information as may be reasonably required by Arapahoe County.

D. GESC Report Requirements: Information relating to grading, erosion and sediment control shall be included in a separate GESC report. The following information shall be provided for the report.

1. Cover Page – Project name, and complete address; Contact information of the applicant; Contact information of the Professional Engineer preparing (or supervising the preparation of) the GESC Documents; and the Arapahoe County Case Number

2. Signature Page – For landowner/authorized agent acknowledging the review and acceptance of responsibility, and for the professional engineer acknowledging responsibility for the preparation of the GESC Plan, the Certification Statements are as follows:

"I hereby certify that the Grading, Erosion, and Sediment Control measures for (Name of Subdivision/Development/address) shall be constructed according to the design presented in this report. I understand that additional erosion control, sediment control and water quality enhancing measures may be required of the owner and his or her agents due to unforeseen pollutant discharges or if the submitted plan does not function as intended. The requirements of the plan shall be the obligation of the land owner and/or his successors or heirs; until such time as the plan is properly completed, modified or voided."

Owner or Authorized Agent _____

Authorized Signature _____

Date _____

"I hereby attest that this Grading, Erosion, and Sediment Control (GESC) document for (name of subdivision/development) has been prepared by me or under my direct supervision, and to the best of my knowledge and ability has been prepared in accordance with the latest version of the Arapahoe County GESC Manual. The signature and stamp affixed hereon certifies that this GESC document was prepared in accordance with the required regulations and criteria; however, the stamp and signature does not certify or guarantee future performance of the execution of the plan by the contractor. The contractor is responsible for executing the construction work according to the information set forth in the plan and in accordance with all applicable requirements."

Registered Professional Engineer _____

State of Colorado No. _____

3. Affix Seal w/date The following note above Certification Statements on Signature Page –

"This *Grading, Erosion and Sediment Control (GESC)* document has been placed in the Arapahoe County file for this project and appears to fulfill the latest version of the *Arapahoe County Grading, Erosion and Sediment Control Manual*. Additional grading, erosion and sediment control measures may be required of the owner or his/her agents, due to unforeseen erosion problems or if the submitted plan does not function as intended. The requirements of this GESC document shall run with the land and be the obligation of the land owner, or his/her designated representative(s) until such time as the plan is properly completed, modified or voided."

4. Project description - A description of the nature and purpose of the land-disturbing activity, the total area of the site, the area of disturbance involved, project location including township, range, section and quarter-section, or the latitude and longitude, of the approximate center of the project, and the vicinity map.

5. Existing site conditions – A description of the existing topography, vegetation, and drainage; a description of any wetlands on the site; and any other unique features of the property.

6. Adjacent areas - A description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance.

7. Soils – A description of the soils on the site including information on soil type and names, mapping unit, erodibility, permeability, hydrologic soil group, depth, texture, and soil structure (This information may be obtained from the applicable Soil Survey prepared by the Natural Resources Conservation Service (NRCS)). Include relevant portion of soil report or NRCS Soil Survey in an appendix.
8. Areas and Volumes - An estimate of the quantity (in cubic yards) of excavation and fill involved (attempting to achieve an earthwork balance), haul road information, and the surface area (in acres) of the proposed disturbance.
9. Construction control measures - A description of the methods presented in the GESC Criteria Manual that will be used to control erosion and sediment on the site. These descriptions should describe how construction CMs would address specific site conditions and clarify anything that cannot be clearly shown on Plans.
10. Timing/Phasing schedule – A schedule indicating the anticipated starting and completion time periods of the site grading and/or construction sequence, including the installation and removal of erosion and sediment control CMs. Indicate the anticipated starting and completion time periods of individual project phases.
11. Permanent stabilization - A description, including applicable specifications, of how the site will be stabilized after construction is completed.
12. Stormwater management considerations – Explain how stormwater runoff from and through the site will be handled during construction.
13. Maintenance – Any special maintenance requirements over and above what is identified in the standard notes and details.
14. Reference – list the reference used in the report.
15. Engineer's Cost Estimate for installation and maintenance of controls – A GESC Engineer's Cost Estimate, for Initial/Interim and Final GESC stages, including anticipated maintenance during the construction phase, shall be submitted in the GESC Report. Units shall be consistent between cost estimate and plans. Unit costs used to develop probable erosion and sediment control costs shall be those shown in the spreadsheet and shall not be modified.
16. Calculations – Any calculations made for the design of such items as sediment basins, diversion ditches, and/or erosion control matting selection.
17. Other information or data - As may be required by Arapahoe County.
18. Inspection and Maintenance Checklist/Form - The construction CMs inspection and maintenance checklist/form is to include documentation of GESC inspections that shall be conducted in accordance with the report and GESC Manual. These reports shall be submitted to the County monthly.
19. A special provision section in the report to include following note:
 - A GESC Manager shall be assigned to each project to fulfill the responsibilities discussed in the report and GESC Manual. The GESC Manager shall be the primary contact person in charge of coordinating/monitoring/enforcing the GESC requirements.
 - The GESC measures shall be installed per the GESC Plan and must meet the requirements of the GESC Manual. The GESC typical details shall be submitted as part of the permit application and can be used as a guide for the majority of the projects.
 - The GESC Plan standard notes and details shall be applied to all projects. In the event that a significant change or modification to a standard detail is to be implemented, the County must be notified of the change prior to installation.
 - It shall be the responsibility of the Oil and Gas Company and/or the contractor's to generate a construction CMs inspection and maintenance checklist/form on a weekly basis. The construction CMs inspection and maintenance checklist/form is to include documentation of GESC inspections that shall be conducted in accordance with the report and GESC Manual. These reports shall be submitted to the County monthly.

- At sites where the Oil and Gas Company or its contractor is not the site owner or operator, i.e. where proposed construction sites overlap existing construction sites, the Oil and Gas Company or its contractor must comply with the provision of the County GESC and the State of Colorado Stormwater Management Plan for the project their construction activities will impact. The Oil and Gas Company or its contractor must ensure that their activities do not render ineffective the erosion and sediment control CMs for the site. Should the Oil and Gas Company or its contractor damage or render ineffective any CMs for the site, the Oil and Gas Company or its contractor will repair or replace the CMs affected. The Oil and Gas Company or its contractor will be responsible for CMs that includes seed or sod and must provide maintenance, including any watering necessary to ensure that establishment of the sod or seed.
- The Oil and Gas Company or its contractor is required to provide street sweeping of paved roadways and other CMs as necessary to ensure that sediments, resulting from their activity, do not enter the stormwater system, during or following construction. The street shall be swept throughout the day and at the end of each working day at minimum, but if tracking is identified, sweeping must be implemented immediately and continue until such time that tracking is no longer identified as a potential pollutant source.
- The use of hoses and water to flush or wash any material into any stormwater facilities is prohibited.
- The Oil and Gas Company or its contractor must practice good housekeeping practices. This includes proper storage of hazardous material, waste disposal, equipment and material storage, fueling procedures, spill response and material recovery.

II. Field Wide GESC Plan & Report Requirements:

For multiple (two or more) projects that are similar in nature and where construction will occur within a two year period, the County will utilize a Field Wide review process for Oil and Gas Well operations, pipeline connections, and midstream construction that replaces the Standard Oil & Gas GESC Plan & Report review. This review process will streamline the GESC permitting process for those projects that are consistent and repetitive, and performed by vetted companies that will be constructing multiple projects.

The Field Wide GESC documents differ from the Standard Oil & Gas GESC documents with the addition of a Total Project Area Map, example site plans, and a different report. The Field Wide GESC plans provide example site plans for the various working conditions (e.g.: pad on cut area, pad on fill area, pad crossing multiple sections, and access roads grading encroached into floodplain). The Field Wide GESC report revises the overall costs by taking an average unit cost per acre in lieu of determining collateral based on the total CMs proposed.

The Field Wide GESC report and example site plans and are valid for a period of two years from the date of County approval.

To begin construction and/or land disturbing activities on an individual project site, as shown in the Field Wide GESC Total Project Area Map, a site-specific standard GESC permit shall be required along with individual site GESC plans. Individual site GESC plans shall be provided conforming to the approved Field Wide GESC plans for the various working conditions. The Field Wide GESC report shall be used for each individual project and an individual site GESC report is not required.

Individual site GESC plans shall be prepared in accordance with the standard GESC plan requirements listed above.

The Field Wide GESC plan shall include the following information

1. A map of the total project boundary
 - North arrow and scale
 - GESC Approval Block, 4.5" x 5.5", at the bottom right corner of the sheet
 - Limits of all major drainageways/100-year floodplains
 - Roadways name at section line
2. Example Site Plan for Various working conditions
 - Property line.
 - Existing and proposed easements.
 - Location of any existing structures or hydrologic features within the mapping limit.
 - USGS Benchmark used for the project.
 - Existing topography at one- or two-foot contour intervals, extending a minimum of 100 feet beyond the property line.
 - Proposed topography at one or two-foot contour intervals, showing elevations, and slope of all proposed grading.
 - Location of well pad.
 - Location of temporary roads.
 - (If applicable) Location of pipeline connecting between pad site to gathering system
 - Limits of floodplains within 100 feet of any proposed disturbance associated with the well facilities. Also specify the source of designation of the floodplains.
3. County Standard GESC Notes and Detail sheets

A. The Field Wide GESC report shall include the following information:

1. Cover Page – Project name, and complete address; Contact information of the applicant; Contact information of the Professional Engineer preparing (or supervising the preparation of) the GESC Documents; and the Arapahoe County Case Number
2. Signature Page – For landowner/authorized agent acknowledging the review and acceptance of responsibility, and for the professional engineer acknowledging responsibility for the preparation of the GESC Plan, the Certification Statements are as follows:

"I hereby certify that the Grading, Erosion, and Sediment Control measures for (Name of Subdivision/Development/address) shall be constructed according to the design presented in this report. I understand that additional erosion control, sediment control and water quality enhancing measures may be required of the owner and his or her agents due to unforeseen pollutant discharges or if the submitted plan does not function as intended. The requirements of the plan shall be the obligation of the land owner and/or his successors or heirs; until such time as the plan is properly completed, modified or voided."

Owner or Authorized Agent _____
Authorized Signature _____

"I hereby attest that this Grading, Erosion, and Sediment Control (GESC) document for (name of subdivision/development) has been prepared by me or under my direct supervision, and to the best of my knowledge and ability has been prepared in accordance with the latest version of the Arapahoe County GESC Manual. The signature and stamp affixed hereon certifies that this GESC document was prepared in accordance with the required regulations and criteria; however, the stamp and signature does not certify or guarantee future performance of the execution of the plan by the contractor. The contractor is responsible for executing the construction work according to the information set forth in the plan and in accordance with all applicable requirements."

Registered Professional Engineer _____

State of Colorado No. _____

Affix Seal w/date

3. The following note above Certification Statements on Signature Page –

"This *Grading, Erosion and Sediment Control (GESC)* document has been placed in the Arapahoe County file for this project and appears to fulfill the latest version of the *Arapahoe County Grading, Erosion and Sediment Control Manual*. Additional grading, erosion and sediment control measures may be required of the owner or his/her agents, due to unforeseen erosion problems or if the submitted plan does not function as intended. The requirements of this GESC document shall run with the land and be the obligation of the land owner, or his/her designated representative(s) until such time as the plan is properly completed, modified or voided."

4. Project description - A brief description of the nature and purpose of the land-disturbing activity, the total area of the site, and the project boundary.
5. Existing site conditions – A description of the existing topography, vegetation, and drainage; a description of any wetlands within the Field Wide areas; and any other unique features of the property.
6. Overall areas - A description of the overall areas such as streams, lakes, zoning areas, roads, etc., which might be affected by the land disturbance.
7. Soils – A brief description of the soils within the Field Wide areas including general information on soil type and names, mapping unit, erodibility, permeability, hydrologic soil group, depth, texture, and soil structure (This information may be obtained from the applicable Soil Survey prepared by the Natural Resources Conservation Service (NRCS)). Include relevant portion of soil report or NRCS Soil Survey in an appendix.
8. Construction control measures - A description of the methods presented in the GESC Criteria Manual that will possibly be used to control erosion and sediment on the project site.
9. Permanent stabilization - A brief description, including applicable specifications, of how the project site will be stabilized after construction is completed.
10. Stormwater management considerations – General discussion on how stormwater runoff from and through the project site will be handled during construction.
11. Maintenance – Maintenance requirements over and above what is identified in the standard notes and details.
12. Construction Site Estimate Calculations –The cost estimate can be developed using costs for recent projects completed in Arapahoe County that were similar in nature. The GESC collateral shall be posted at the time of Field Wide GESC Plan/Report approval. The total disturbed area of all projects shall not exceed the total collateral amount submitted to the County. See example below.

In lieu of providing cost estimates for each individual site, the cost estimate for future projects under the Field Wide GESC plan may be provided. This cost estimate can be developed using costs for recent projects completed in Arapahoe County that were similar in nature. For example: the GESC collateral for a site with 5-acre disturbed area is \$20,000. This equates to \$4,000/disturbed acre, which can be used as basic unit cost for the total GESC collateral under the Field Wide plans. The GESC collateral shall be posted at the time of Field Wide GESC Plan/Report approval. The total disturbed area of all projects shall not exceed the total collateral amount submitted to the County. The County accepts financial collateral in the form of Irrevocable Letter of Credit or Cash Escrow. If a Memorandum of Understanding has been executed between the Operator and the County, the County will consider a Performance Bond to be an acceptable form of collateral.

13. Reference – list the reference used in the report.
14. Other information or data - As may be required by Arapahoe County.
15. Inspection and Maintenance Checklist/Form - The construction CMs inspection and maintenance checklist/form is to include documentation of GESC inspections that shall be conducted in accordance with the report and GESC Manual. These reports shall be submitted to the County monthly.
16. A special provision section in the report to include following note:
 - A GESC Manager shall be assigned to each project to fulfill the responsibilities discussed in the report and GESC Manual. The GESC Manager shall be the primary contact person in charge of coordinating/monitoring/enforcing the GESC requirements.
 - The GESC measures shall be installed per the GESC Plan and must meet the requirements of the GESC Manual. The GESC typical details shall be submitted as part of the permit application and can be used as a guide for the majority of the projects.
 - The GESC Plan standard notes and details shall be applied to all projects. In the event that a significant change or modification to a standard detail is to be implemented, the County must be notified of the change prior to installation.
 - It shall be the responsibility of the Oil and Gas Company and/or the contractor's to generate a construction CMs inspection and maintenance checklist/form on a weekly basis. The construction CMs inspection and maintenance checklist/form is to include documentation of GESC inspections that shall be conducted in accordance with the report and GESC Manual. These reports shall be submitted to the County monthly.
 - At sites where the Oil and Gas Company or its contractor is not the site owner or operator, i.e. where proposed construction sites overlap existing construction sites, the Oil and Gas Company or its contractor must comply with the provision of the County GESC and the State of Colorado Stormwater Management Plan for the project their construction activities will impact. The Oil and Gas Company or its contractor must ensure that their activities do not render ineffective the erosion and sediment control CMs for the site. Should the Oil and Gas Company or its contractor damage or render ineffective any CMs for the site, the Oil and Gas Company or its contractor will repair or replace the CMs affected. The Oil and Gas Company or its contractor will be responsible for CMs that includes seed or sod and must provide maintenance, including any watering necessary to ensure that establishment of the sod or seed.
 - The Oil and Gas Company or its contractor is required to provide street sweeping of paved roadways and other CMs as necessary to ensure that sediments, resulting from their activity, do not enter the stormwater system, during or following construction. The street shall be swept throughout the day and at the end of each working day at minimum, but if tracking is identified, sweeping must be implemented immediately and continue until such time that tracking is no longer identified as a potential pollutant source.
 - The use of hoses and water to flush or wash any material into any stormwater facilities is prohibited.
 - The Oil and Gas Company or its contractor must practice good housekeeping practices. This includes proper storage of hazardous material, waste disposal, equipment and material storage, fueling procedures, spill response and material recovery.

- A pre-construction meeting for each project location is required, and construction at the individual site will not start until Arapahoe County approves all necessary permits (access permit, oversize vehicle permit, and site-specific GESC permit).

Arapahoe County GESC Permit

**Single-Family Residential
Single-Family Lot Erosion Control
Certificate**

(Submitted by Builder prior to issuance of Certificate of Occupancy)

Date: _____

Builder: _____ Building Permit

#: _____

Property

Address: _____

Subdivision: _____ Lot: _____ Block: _____

I hereby certify that:

All minimum drainage, erosion, and sediment control requirements set forth by Arapahoe County Zoning Resolution have been adhered to, including the following:

Adequate drainage away from the structure(s) and off the lot has been established and verified on the Drainage Certificate.

The purchaser has been informed of the need to maintain established drainage patterns as shown on the Drainage Certificate.

Permanent erosion controls or adequate temporary erosion and sediment control measures designed to be effective for 90 days have been properly implemented on this lot.

I shall cause the purchaser to be aware of the need for regular inspection and maintenance of the temporary erosion and sediment control measures implemented and the need for timely installation of permanent measures, all to prevent drainage, erosion, and sedimentation problems.

Signed: _____ Print: _____

Date: _____

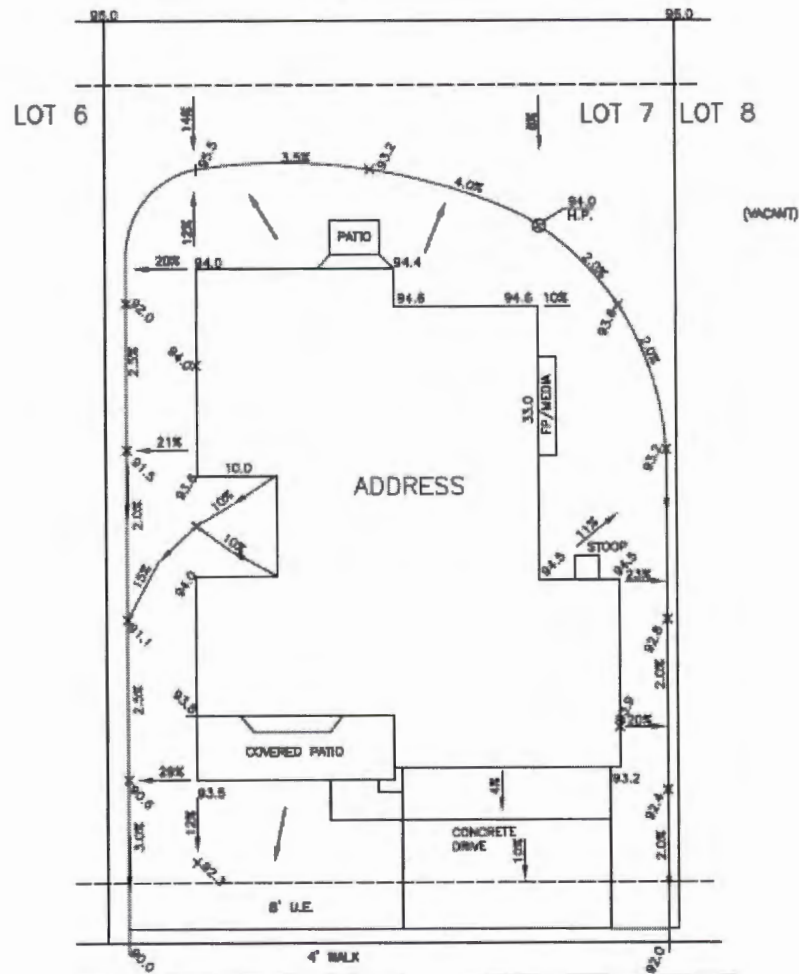
(Superintendent)

Signed: _____ Print: _____
Date: _____
(Project Manager)

DRAINAGE CERTIFICATE

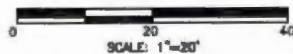
NO. _____

SAMPLE



STREET NAME

(30' R.O.W.)



SEAL AND
SIGNATURE

DATE OF ELEVATION SURVEY

I hereby certify that: The grading and drainage patterns shown hereon were developed from a survey of the above described property, performed on the date shown and accurately depict the relative elevations as they existed on the date of said survey. The relative elevations as depicted on the attached drainage certificate are correct to the nearest 0.1 foot. I have inspected the survey data and concluded that, to the best of my knowledge and belief, the lot will drain adequately in substantial conformance with the approved Phase III Drainage Report, the final Development Plan (FDP) for the project, as the County's Building Code Ordinance. The elevations depicted hereon may change subsequent to the date hereon due to subsidence or upheaval of soils, in addition or removal of soils, erosion of soils by wind or water or other factors. Drainage swales or flow may be blocked by fences, walks, landscaping or other improvements, therefore this survey may not accurately depict the grading and drainage patterns subsequent to the date of this survey.

The Vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-361 It was moved by Commissioner Baker and duly seconded by Commissioner Sharpe to adopt the following Resolution:

WHEREAS, on December 6, 2022, a duly noticed hearing was held by the Board of County Commissioners to consider whether to opt out of the Colorado Family and Medical Leave Insurance Program (FAMLI) created under C.R.S. Section 8-13-3.501, *et seq.*; and,

WHEREAS, advance notice of the hearing and an opportunity to provide comments in writing or at the hearing was provided to all County employees; and,

WHEREAS, the Board of County Commissioners, after receiving comments and considering the testimony and other information presented at the hearing, have decided to opt out of FAMLI.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, Colorado, to opt out of and decline to participate in FAMLI, with respect to all officials and employees of Arapahoe County and its various offices, departments, and divisions, including but not limited to all officials and employees paid through Arapahoe County's payroll system.

The vote was:

Commissioner Baker, Yes; Commissioner Warren-Gully, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-362 It was moved by Commissioner Warren-Gully and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, the Board of County Commissioners adopted the 2022 Annual Budget pursuant to Statute; and

WHEREAS, the Board of County Commissioners will consider the following budget amendments to the 2022 Annual Budget; and

WHEREAS, this matter has been published pursuant to Section 29-1-109, C.R.S., as required by law.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County to amend the adopted 2022 Annual Budget as follows:

- a. Transfer \$100,000 from the unappropriated balance of the General Fund to cover additional expenditures for the County Line Landfill.
- b. Transfer \$2,606,857 from the unappropriated balance of the General Fund and appropriate \$2,475,000 in General Fund Administrative Services and \$131,857 in General Fund, Information Technology for one-time costs for the newly created Arapahoe County Public Health Department.
- c. Transfer \$38,000,000 from unappropriated General Fund Balance and transfer to the Capital Expenditure Fund, Facilities & Fleet Management for further funding of the Detention Center Expansion project.
- d. Recognize \$63,500 in General Fund, Community Resources for additional revenue related to cost allocation due to increased grant funding.
- e. Transfer \$11,614 from General Fund, Sheriff's Office and recognize and appropriate the same amount in Central Services Fund, Sheriff's Office for the increased cost of purchasing two vehicles in Investigations.
- f. Transfer \$23,000 from Forfeiture Fund, Sheriff's Office and recognize and appropriate the same amount in General Fund, Sheriff's Office for the cost of the memorial garden statue.
- g. Transfer \$40,011 from the unappropriated fund balance in the General Fund and recognize and appropriate the same amount in Central Services Fund to cover the additional cost of three transport vans.
- h. Transfer \$400,000 from the unappropriated fund balance in the Arapahoe Law Enforcement Authority (ALEA) Fund to fund increased spending on personnel including overtime, incentive pay and salaries as well as associated benefits.
- i. Transfer \$82,885 from Self Insurance Liability Fund, County Attorney and recognize and appropriate the same amount in Central Services Fund, Administrative Services to replace three totaled vehicles in the Sheriff's Office.
- j. Reduce the appropriation in Central Services Fund, Sheriff's Office by \$35,401 to return the reappropriated funds from FA#303400.
- k. Transfer \$22,511 from the unappropriated balance of the Central Services Fund and appropriate in the Central Services Fund, Sheriff's Office for the emergency replacement of a non-functional dental panoramic x-ray machine.
- l. Transfer \$7,144 from the unappropriated balance of the Central Services Fund and appropriate in the Central Services Fund, Sheriff's Office for the emergency replacement of a non-functional magnetometer.
- m. Transfer \$77,474 from the unappropriated balance of the Central Services Fund and appropriate in the Central Services Fund, Sheriff's Office to replace a Ford Interceptor that was totaled in an accident.
- n. Increase the authorized staffing level in Social Services Fund, Human Services by 1.00 FTE for an additional Program Specialist position to backfill a position that was converted to meet the need for an additional attorney position.
- o. Recognize \$32,606,857 in the General Fund, Administrative Services from the Grant Fund

as a result of the reimbursement of general government expenses during fiscal year 2022 from American Rescue Plan Act (ARPA) funds.

- p. Transfer \$267,326 from the Grant Fund, Administrative Services and recognize and appropriate the amounts in the following funds and departments/elected offices for the employee gas stipend:
- 1) \$8,687 in the General Fund, Assessor's Office
 - 2) \$31,026 in General Fund, Clerk & Recorder's Office
 - 3) \$3,115 in General Fund, Commissioners' Office
 - 4) \$2,244 in General Fund, Community Resources
 - 5) \$4,963 in General Fund, Coroner's Office
 - 6) \$4,978 in General Fund, Public Works & Development
 - 7) \$447 in General Fund, Open Spaces
 - 8) \$1,804 in General Fund, Information Technology
 - 9) \$119,460 in General Fund, Sheriff's Office
 - 10) \$33,176 in General Fund, Facilities & Fleet Management
 - 11) \$5,380 in General Fund, Treasurer's Office
 - 12) \$25,606 in the Social Services Fund, Human Services
 - 13) \$4,941 in the ALEA Fund, Sheriff's Office
 - 14) \$15,247 in the Road & Bridge Fund, Public Works & Development
 - 15) \$2,689 in the Sheriff's Commissary Fund, Sheriff's Office
 - 16) \$2,676 in the Open Spaces Sales Tax Fund, Open Spaces
 - 17) \$887 in the Recreation District, Open Spaces
- q. Recognize and appropriate \$1,563 in General Fund, Coroner's Office for reimbursement from the State for toxicology.
- r. Recognize and appropriate \$23,675 in General Fund, Clerk & Recorder's Office for the Colorado Election Security Grant.
- s. Recognize and appropriate \$1,927 in General Fund, Sheriff's Office for donations received from Back the Blue for the purchase of K9 medical kits.
- t. Recognize and appropriate \$33,390 in General Fund, Public Works & Development for reimbursement from Open Spaces for project management completed during the second quarter.
- u. Recognize \$17,769 in the Capital Expenditure Fund, Facilities and Fleet Management from a transfer from the Grant Fund for a reimbursement of pandemic-related facility projects from ARPA funding.
- v. Recognize and appropriate \$14,536 in Forfeiture Fund, Sheriff's Office for revenue received.
- w. Recognize and appropriate \$2,864,450 in Homeland Security Fund, Sheriff's Office to reappropriate prior year funds.
- x. Recognize and appropriate \$1,515,000 in Infrastructure Fund, Public Works & Development to recognize reimbursement from CDOT for Parker Road.
- y. Recognize and appropriate \$221,281 in Infrastructure Fund, Public Works & Development for Rural Transportation Impact Fees and Regional Impact Fees received.
- z. Transfer \$235,680 from Open Space Sales Tax Fund, Open Spaces and recognize and appropriate the same amount in the Central Services Fund, Open Spaces to purchase various vehicles and equipment for new maintenance staff.

BE IT FURTHER RESOLVED that the Budget Officer shall file a certified copy of this Resolution with the Division of Local Government and with the affected spending agencies.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-363A It was moved by Commissioner Sharpe and duly seconded by Commissioner Holen to adopt the following Resolution:

A. ADOPTION OF 2023 COUNTY BUDGET – ALL FUNDS

WHEREAS, pursuant to Section 29-1-105, C.R.S. as amended, the Arapahoe County Budget Officer has submitted to the Board of County Commissioners a proposed Arapahoe County Budget for the ensuing budget year; and

WHEREAS, the Board of County Commissioners has caused to be published a notice relating to a public hearing to be held on the proposed 2023 Budget, pursuant to Section 29-1-106, C.R.S. as amended; and

WHEREAS, pursuant to statute and the aforementioned notice provisions, public hearings were held before the Board of County Commissioners on October 11, 2022, and October 25, 2022, at the Arapahoe County Administration Building, 5334 South Prince Street, Littleton, Colorado, at which time evidence and testimony were presented to the Board concerning said proposed budget and mill levies; and

WHEREAS, at the October 25, 2022, public hearing, the Board adopted Resolution No. 22-297 which continued the public hearing to this date; and

WHEREAS, up to and including this date, said proposed Budget has been open for inspection by the public and interested citizens and electors have been given the opportunity to file or register any objections to said proposed Budget pursuant to Section 29-1-107, C.R.S. as amended; and

WHEREAS, as a result of the November 7, 1995 election, the voters of Arapahoe County did approve a ballot question which permits the County to collect, retain and spend all proceeds from (a) regional transportation fees paid by developers to be spent on new roadway construction, (b) interest earnings on investments made by the County Treasurer, (c) grant funds, (d) permit fees for new construction and (e) all other non-tax revenue sources, to be spent on capital projects or

other basic County governmental services, notwithstanding any restrictions of Section 20 of Article X of the Colorado Constitution; and

WHEREAS, the Board of County Commissioners is desirous of adopting said proposed Budget at this time; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenue so that the Budget remains in balance, as required by Section 29-1-108, C.R.S. as amended.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, Colorado to adopt the 2023 Budget as follows:

FUND TITLE (NUMBER): GENERAL FUND (10)

EXPENDITURES:

DEPARTMENT/ELECTED OFFICE:

Administrative Services.....	\$ 16,893,021
Aid-to-Agencies.....	2,079,500
Assessor's Office	6,538,690
Board of County Commissioners.....	1,269,758
Clerk and Recorder's Office	12,565,263
Commissioners' Office	3,557,727
Community Resources.....	4,229,817
Coroner's Office	2,898,086
County Attorney	3,670,251
District Attorney	17,866,321
Facilities and Fleet Management.....	11,531,894
Finance	4,310,648
Human Resources	3,364,041
Information Technology	18,058,390
Open Spaces.....	636,440
Public Works and Development	11,279,586
Sheriff's Office	100,590,772
Strategy and Performance	520,486
Treasurer's Office	2,795,820
TOTAL EXPENDITURES.....	\$ 224,656,511

REVENUE:

1. From the General Property Tax Levy	\$ 135,082,940
2. From Sources Other than Property Tax	89,236,576
3. From the Public Trustee.....	444,000

4. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 224,763,516

FUND TITLE (NUMBER): BUILDING MAINTENANCE FUND (33)

EXPENDITURES	\$ 2,188,269
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	2,078,000
3. From the Unappropriated Fund Balance.....	110,269
TOTAL REVENUE	\$ 2,188,269

FUND TITLE (NUMBER): SOCIAL SERVICES FUND (11)

EXPENDITURES	\$ 80,887,080
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REVENUE:

1. From the General Property Tax Levy	\$ 18,283,608
2. From Sources Other than Property Tax	62,452,205
3. From the Unappropriated Fund Balance.....	151,267
TOTAL REVENUE	\$ 80,887,080

FUND TITLE (NUMBER): ELECTRONIC FILING TECHNOLOGY FUND (12)

EXPENDITURES	\$ 160,000
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	160,000
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 160,000

FUND TITLE (NUMBER): ARAPAHOE/DOUGLAS WORKS! FUND (15)

EXPENDITURES	\$ 19,167,026
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	19,167,026
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 19,167,026

FUND TITLE (NUMBER): ROAD & BRIDGE FUND (16)

EXPENDITURES	\$ 18,747,276
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REVENUE:

1. From the General Property Tax Levy	\$ 5,780,562
2. From Sources Other than Property Tax	11,976,525
3. From the Unappropriated Fund Balance.....	990,189
TOTAL REVENUE	\$ 18,747,276

FUND TITLE (NUMBER): CONSERVATION TRUST FUND (17)

EXPENDITURES	\$ 559,900
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	850,000
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 850,000

FUND TITLE (NUMBER): COMM. NETWORK SYSTEM REPLACEMENT FUND (19)

EXPENDITURES	\$ 138,650
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	138,650
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 138,650

FUND TITLE (NUMBER): SHERIFF'S COMMISSARY FUND (20)

EXPENDITURES	\$ 1,291,698
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	1,155,957
3. From the Unappropriated Fund Balance.....	<u>135,741</u>
TOTAL REVENUE	\$ 1,291,698

FUND TITLE (NUMBER): COMMUNITY DEVELOPMENT FUND (21)

EXPENDITURES	\$ 5,308,251
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REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	5,308,251
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 5,308,251

FUND TITLE (NUMBER): DEVELOPMENTAL DISABILITIES FUND (25)

EXPENDITURES\$	13,068,208
REVENUE:		
1. From the General Property Tax Levy	\$	13,068,208
2. From Sources Other than Property Tax		0
3. From the Unappropriated Fund Balance.....		0
TOTAL REVENUE\$	13,068,208

FUND TITLE (NUMBER): GRANT FUND (26)

EXPENDITURES\$	20,993,059
REVENUE:		
1. From the General Property Tax Levy	\$	0
2. From Sources Other than Property Tax		20,993,059
3. From the Unappropriated Fund Balance.....		0
TOTAL REVENUE\$	20,993,059

FUND TITLE (NUMBER): OPEN SPACE FUND (28)

EXPENDITURES\$	39,416,289
REVENUE:		
1. From the General Property Tax Levy	\$	0
2. From Sources Other than Property Tax		39,416,289
3. From the Unappropriated Fund Balance.....		0
TOTAL REVENUE\$	39,416,289

FUND TITLE (NUMBER): HOMELAND SECURITY FUND (29)

EXPENDITURES\$	526,903
REVENUE:		
1. From the General Property Tax Levy	\$	0
2. From Sources Other than Property Tax		526,903
3. From the Unappropriated Fund Balance.....		0
TOTAL REVENUE\$	526,903

FUND TITLE (NUMBER): ARAPAHOE COUNTY FAIR FUND (34)

EXPENDITURES\$	792,900
REVENUE:		
1. From the General Property Tax Levy	\$	0

2. From Sources Other than Property Tax	792,900
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 792,900

FUND TITLE (NUMBER): CAPITAL EXPENDITURE FUND (41)

EXPENDITURES \$ 11,729,394

REVENUE:

1. From the General Property Tax Levy	\$ 5,870,883
2. From Sources Other than Property Tax	5,859,356
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 11,730,239

FUND TITLE (NUMBER): INFRASTRUCTURE FUND (42)

EXPENDITURES \$ 5,992,000

REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	3,888,051
3. From the Unappropriated Fund Balance.....	<u>2,103,949</u>
TOTAL REVENUE	\$ 5,992,000

FUND TITLE (NUMBER): LEASE PURCHASE AGREEMENTS FUND (62)

EXPENDITURES \$ 1,406,125

REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	1,406,125
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 1,406,125

FUND TITLE (NUMBER): CENTRAL SERVICES FUND (70)

EXPENDITURES \$ 2,848,770

REVENUE:

1. From the General Property Tax Levy	\$ 0
2. From Sources Other than Property Tax	6,678,405
3. From the Unappropriated Fund Balance.....	0
TOTAL REVENUE	\$ 6,678,405

FUND TITLE (NUMBER): SELF-INSURANCE LIABILITY FUND (71)

EXPENDITURES\$ **2,397,650**

REVENUE:

1. From the General Property Tax Levy\$ 0

2. From Sources Other than Property Tax 2,397,650

3. From the Unappropriated Fund Balance..... 0

TOTAL REVENUE\$ **2,397,650**

FUND TITLE (NUMBER): EMPLOYEE FLEX BENEFIT FUND (72)

EXPENDITURES\$ **1,028,366**

REVENUE:

1. From the General Property Tax Levy\$ 0

2. From Sources Other than Property Tax 1,028,366

3. From the Unappropriated Fund Balance..... 0

TOTAL REVENUE\$ **1,028,366**

FUND TITLE (NUMBER): WORKERS COMPENSATION FUND (73)

EXPENDITURES\$ **1,522,361**

REVENUE:

1. From the General Property Tax Levy\$ 0

2. From Sources Other than Property Tax 1,522,361

3. From the Unappropriated Fund Balance..... 0

TOTAL REVENUE\$ **1,522,361**

FUND TITLE (NUMBER): SELF-INSURANCE DENTAL FUND (74)

EXPENDITURES\$ **2,017,100**

REVENUE:

1. From the General Property Tax Levy\$ 0

2. From Sources Other than Property Tax 1,826,100

3. From the Unappropriated Fund Balance..... 191,000

TOTAL REVENUE\$ **2,017,100**

FUND TITLE (NUMBER): ARAPAHOE COUNTY PUBLIC HEALTH FUND (80)

EXPENDITURES\$ **21,304,500**

REVENUE:

1. From the General Property Tax Levy\$ 0

2. From Sources Other than Property Tax 21,304,500

3. From the Unappropriated Fund Balance.....	<u>0</u>
TOTAL REVENUE	\$ 21,304,500

BE IT FURTHER RESOLVED that the Budget, as submitted, amended, and herein above summarized be and the same hereby as approved and adopted as the Budget of Arapahoe County Colorado, for the year stated above. Said Budget, as adopted, is hereby filed with the Clerk to the Board.

BE IT FURTHER RESOLVED that the above Budget for Fiscal Year 2023 is based on personnel allocations for departments and spending agencies as follows:

PERSONNEL ALLOCATIONS (FULL-TIME EQUIVALENT POSITIONS)

General Fund:

Assessor's Office	64.00
Board of County Commissioners.....	5.00
Clerk and Recorder's Office	128.50
Commissioners' Office	22.00
Community Resources	43.00
Coroner's Office	18.00
County Attorney	22.00
Facilities and Fleet Management	106.27
Finance Department	30.50
Human Resources	20.50
Information Technology	75.00
Open Spaces	5.00
Public Works and Development	81.00
Sheriff's Office	746.75
Strategy and Performance	3.00
Treasurer's Office	<u>25.00</u>
Total General Fund	1,395.02

Social Services Fund:

Human Services	661.00
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Arapahoe/Douglas Works Fund:

Community Resources	98.00
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Road and Bridge Fund:

Public Works and Development	58.00
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Sheriff's Commissary Fund:

Sheriff's Office	7.00
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Community Development Fund:

Community Resources	5.75
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Grant Fund:

Community Resources.....	36.50
Sheriff's Office	<u>1.00</u>
Total Grant Fund.....	37.50
Open Space Sales and Use Tax Fund:	
Commissioners' Office	1.00
Finance	0.50
Human Resources	0.50
Open Spaces	<u>33.50</u>
Total Open Space Sales and Use Tax Fund	35.50
Homeland Security Fund:	
Sheriff's Office	<u>5.75</u>
Arapahoe County Public Health Fund:	
Public Health	<u>182.70</u>
TOTAL – ARAPAHOE COUNTY	2,486.22

This allocation is the authorized personnel allocation for 2023. Any changes to this allocation must be authorized by Board of County Commissioner resolution.

B. CERTIFICATION OF GENERAL FUND MILL LEVY

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must adopt an annual levy of taxes for the General Fund for the ensuing fiscal year and that said mill levy for the General Fund be set within the last quarter of each fiscal year; and

WHEREAS, pursuant to Section 29-1-301, C.R.S., the County cannot establish a tax levy which would raise a greater amount of revenue than was levied in the preceding year plus new construction, plus five and one-half percent plus the amount of revenue abated or refunded by the County; and

WHEREAS, pursuant to Section 39-10-114(1)(a)(I)(B), C.R.S., the Board of County Commissioners may adjust the amount of its tax levy by an additional amount to reflect the proportionate share of the total abatements and refunds made pursuant to law; and

WHEREAS, the Board has determined that such an additional tax levy for abatements and refunds will capture revenues which were needed to balance the previous year's budget, will not cause a net revenue gain to Arapahoe County, and is a sound fiscal policy to prevent any loss of government services due to an unavoidable decrease in revenues; and

WHEREAS, the County has paid \$1,028,886 in refunds or abatements between August 1, 2021 and August 1, 2022 and desires to recapture all of the amounts of refunds and abatements made during this period; and

WHEREAS, pursuant to Article X, Section 20 of the Colorado Constitution, the County may not, in future years, increase the mill levy above the mill levy for the prior year, without the approval of the voters; and

WHEREAS, when the assessed valuation in the County increases, it is necessary to decrease the overall County mill levy; and if the assessed valuation in the County would decrease, there would be a net revenue loss from the current level if the current mill levy is reduced permanently; and

WHEREAS, it is prudent to instead impose a temporary tax credit or rate reduction to allow for future unknown changes in the assessed valuation in the County; and

WHEREAS, pursuant to the Colorado Constitution, the Board may impose a temporary tax credit or rate reduction in order to collect the appropriate amount of taxes and thus avoid a future refund of taxes and the Board has determined that this temporary tax credit or rate reduction should be -3.162 mills for the upcoming fiscal year; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from County levies and the County Assessor has adjusted the County assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners is desirous of adopting said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there is hereby established and levied for County purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the County of Arapahoe, State of Colorado, not exempted by law, a tax for the General Fund as follows:

Mill Levy	13.501
Abatement/Refund	0.079
Temporary Tax Credit/Rate Reduction	<u>-3.162</u>
Total Adjusted Mill Levy	10.418

This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$13,033,374,019.

C. CERTIFICATION OF ROAD & BRIDGE FUND MILL LEVY

WHEREAS, pursuant to Sections 29-1-108, 43-2-203 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must adopt an annual levy of taxes for the Road and Bridge Fund for the

ensuing fiscal year and that said mill levy for the Road and Bridge Fund be set within the last quarter of each fiscal year; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from County levies and the County Assessor has adjusted the County assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners is desirous of adopting said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there is hereby established and levied for County purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the County of Arapahoe, State of Colorado, not exempted by Law, a County tax of 0.448 mills for the 2023 Road and Bridge Fund. This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$13,033,374,019.

D. CERTIFICATION OF SOCIAL SERVICES FUND MILL LEVY

WHEREAS, pursuant to Sections 29-1-108, 26-1-123 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must adopt an annual levy of taxes for the Social Services Fund for the ensuing fiscal year and that said mill levy for the Social Services Fund be set within the last quarter of each fiscal year; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from County levies; and the County Assessor has adjusted the County assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners is desirous of adopting said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there is hereby established and levied for County purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the County of Arapahoe, State of Colorado, not exempted by law, a County tax of 1.417 mills for the 2023 Social Services Fund. This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$13,033,374,019.

E. CERTIFICATION OF CAPITAL EXPENDITURE FUND MILL LEVY

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must adopt an annual levy of taxes for the Capital Expenditure Fund for the ensuing fiscal year and that said mill levy for the Capital Expenditure Fund be set within the last quarter of each fiscal year; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from County levies and the County Assessor has adjusted the County assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners is desirous of adopting said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there is hereby established and levied for County purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the County of Arapahoe, State of Colorado, not exempted by law, a County tax of 0.455 mills for the 2023 Capital Expenditure Fund. This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$13,033,374,019.

F. CERTIFICATION OF DEVELOPMENTAL DISABILITIES FUND MILL LEVY

WHEREAS, on November 6, 2001, the electors in Arapahoe County approved the imposition of a 1.000 mill tax to fund Developmental Disability Programs in Arapahoe County; and

WHEREAS, this levy of 1.000 mill for Developmental Disabilities Programs is not subject to the statutory 5.5% property tax limitation, or the other tax, revenue and spending limitations as imposed by Section 20 of Article X of the Colorado Constitution; and

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must adopt an annual levy of taxes for the Developmental Disabilities Fund for the ensuing fiscal year; and

WHEREAS, the Board of County Commissioners is desirous of adopting said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there is hereby established and levied for County purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the County of Arapahoe, State of

Colorado, not exempted by law, a County tax of 1.000 mill for the 2023 Developmental Disabilities Fund. This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$13,068,207,991.

G. APPROPRIATION OF THE 2023 COUNTY BUDGET – ALL FUNDS

WHEREAS, in accordance with the Local Government Budget Law, pursuant to Article 1 of Title 29, C.R.S. as amended; and

WHEREAS, the Board of County Commissioners has made provisions within the Budget for revenues in an amount equal to or greater than the total expenditures as set forth in said Budget; and

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board of County Commissioners must appropriate the revenues set forth in the Budget for the several offices, departments, boards, commissions, and other spending agencies as hereinafter set forth; and

WHEREAS, pursuant to the aforementioned statutes, such appropriations shall be made before the beginning of the fiscal year by adoption of a resolution making such appropriations.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County as follows:

That the following sums are hereby appropriated from the revenue of each fund to the several offices, departments, boards, commissions, and other spending agencies as hereinafter set forth to each fund, for the purpose stated to be effective 12:01 a.m., January 1, 2023.

FUND TITLE (NUMBER)

GENERAL FUND (10):

Department/Elected Office:

Administrative Services	\$ 16,893,021
Aid-to-Agencies	2,079,500
Assessor's Office	6,538,690
Board of County Commissioners	1,269,758
Clerk and Recorder's Office	12,565,263
Commissioners' Office	3,557,727
Community Resources	4,229,817
Coroner's Office	2,898,086
County Attorney	3,670,251

District Attorney	17,866,321
Facilities and Fleet Management.....	11,531,894
Finance	4,310,648
Human Resources	3,364,041
Information Technology	18,058,390
Open Spaces.....	636,440
Public Works and Development	11,279,586
Sheriff's Office	100,590,772
Strategy and Performance.....	520,486
Treasurer's Office	2,795,820
TOTAL GENERAL FUND.....	\$ 224,656,511
BUILDING MAINTENANCE FUND (33)	\$ 2,188,269
SOCIAL SERVICES FUND (11)	\$ 80,887,080
ELECTRONIC FILING TECHNOLOGY FUND (12)	\$ 160,000
ARAPAHOE/DOUGLAS WORKS! FUND (15)	\$ 19,167,026
ROAD & BRIDGE FUND (16)	\$ 18,747,276
CONSERVATION TRUST FUND (17)	\$ 559,900
COMMUNICATION NTRWK SYSTEM REPLACEMENT FUND (19)	\$ 138,650
SHERIFF'S COMMISSARY FUND (20)	\$ 1,291,698
COMMUNITY DEVELOPMENT FUND (21)	\$ 5,308,251
DEVELOPMENTAL DISABILITIES FUND (25)	\$ 13,068,208
GRANT FUND (26)	\$ 20,993,059
OPEN SPACE FUND (28)	\$ 39,416,289
HOMELAND SECURITY FUND (29)	\$ 526,903
ARAPAHOE COUNTY FAIR FUND (34)	\$ 792,900
CAPITAL EXPENDITURE FUND (41)	\$ 11,729,394
INFRASTRUCTURE FUND (42)	\$ 5,992,000
LEASE PURCHASE AGREEMENTS FUND (62).....	\$ 1,406,125
CENTRAL SERVICES FUND (70)	\$ 2,848,770
SELF-INSURANCE LIABILITY FUND (71)	\$ 2,397,650
EMPLOYEE FLEX BENEFIT FUND (72)	\$ 1,028,366
WORKERS COMPENSATION FUND (73)	\$ 1,522,361
SELF-INSURANCE DENTAL FUND (74)	\$ 2,017,100
ARAPAHOE COUNTY PUBLIC HEALTH FUND (80)	\$ 21,304,500

BE IT FURTHER RESOLVED by the Board of County Commissioners that the Arapahoe County Finance Director is authorized to transfer funds from the Administrative Services Department account in the General Fund to any other County Department account within the General Fund for an authorized expenditure without formal approval by the Board, provided that

the total of all such transfers during calendar year 2023 shall not cause the designated reserve fund to drop below its established minimum level.

BE IT FURTHER RESOLVED by the Board of County Commissioners that the Arapahoe County Finance Director is authorized to review (a) all purchase orders that are open at the end of calendar year 2022, (b) all fixed assets approved in 2022 Budget but which were not purchased in 2022, (c) all capital projects previously started but not finished in 2022, (d) all grant projects previously started but not finished in 2022, and (e) the unappropriated balance of the Infrastructure Fund, the Conservation Trust Fund, the Open Space Sales Tax Fund, the Cash-In-Lieu Fund, the Sheriff's Commissary Fund, the Forfeited Property Fund, the Communication Network System Replacement Fund, and the Electronic Filing Technology Fund; and is authorized to identify which purchase orders, fixed assets, capital projects, grants projects, and unappropriated fund balances that should be reappropriated in 2023 and is authorized to increase the appropriation so to continue the funding of these previously appropriated needs, subject to action by the Board.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-363B It was moved by Commissioner/Director Sharpe and duly seconded by Commissioner/Director Holen to adopt the following Resolution:

A. ADOPTION OF 2023 BUDGET – ARAPAHOE LAW ENFORCEMENT AUTHORITY

WHEREAS, the Arapahoe County Budget Officer has submitted a proposed 2023 Budget to the Board of County Commissioners, acting as the Arapahoe Law Enforcement Authority (ALEA) Governing Board, for its consideration; and

WHEREAS, the Board of County Commissioners has caused to be published a notice relating to a public hearing to be held on the proposed 2023 ALEA Budget, pursuant to Section 29-1-106, C.R.S. as amended; and

WHEREAS, pursuant to statute and the aforementioned notice provisions, public hearings were held before the Board of County Commissioners on October 11, 2022, and October 25, 2022 at the Arapahoe County Administration Building, 5334 South Prince Street, Littleton, Colorado, at which time evidence and testimony were presented to the Board concerning said proposed Budget and mill levies; and

WHEREAS, at the October 25, 2022, public hearing, the Board adopted Resolution No. 22-297 which continued the public hearing to this date; and

WHEREAS, up to and including this date, said proposed budget has been open for inspection by the public and interested citizens and electors have been given the opportunity to file or register any objections to said proposed budget pursuant to Section 29-1-107, C.R.S. as amended; and

WHEREAS, as a result of the November 2, 1993 election, the voters of the Arapahoe Law Enforcement Authority did approve an increase in the mill levy for 1994 and subsequent fiscal years and established a minimum certified mill levy of 4.982 mills pursuant to Section 30-11-406.5, C.R.S. as amended, and Section 20 of Article X of the Colorado Constitution; and

WHEREAS, as a result of the November 3, 1998 election, the voters of the Arapahoe Law Enforcement Authority did approve a ballot question which permits the Arapahoe Law Enforcement Authority to collect, retain and spend all proceeds from non-tax revenue sources, including traffic fines and grants, for public safety and law enforcement purposes, notwithstanding any restrictions of Section 20 of Article X of the Colorado Constitution; and

WHEREAS, the Board of County Commissioners, acting as the Arapahoe Law Enforcement Authority Governing Board, is desirous of adopting said proposed budget at this time; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenues so that the budget remained in balance, as required by Section 29-1-108, C.R.S. as amended.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, acting as the Arapahoe Law Enforcement Authority Governing Board, as follows:

Section 1: That estimated expenditures for the Law Enforcement Authority Funds are as follows:

Law Enforcement Authority Fund	\$ 10,168,065
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Section 2: That estimated revenues for the Law Enforcement Authority Fund are as follows:

1. From the Property Tax Levy	\$ 9,011,956
2. From Sources Other than Property Tax	1,071,215
3. From Unappropriated Fund Balance	<u>84,894</u>
4. Total Revenues	\$ 10,168,065

Section 3: That the Budget, as submitted, amended, and hereinabove summarized be and the same hereby as approved and adopted as the Budget of Arapahoe Law Enforcement Authority Fund for the year stated above. Said Budget, as adopted, is hereby filed with the Clerk to the Board.

BE IT FURTHER RESOLVED that the authorized staffing level of the Arapahoe County Law Enforcement Authority shall be 67.0 full-time equivalent employees.

B. MILL LEVY CERTIFICATION – ARAPAHOE LAW ENFORCEMENT AUTHORITY

WHEREAS, pursuant to Titles 29, 30 and 39 C.R.S., the Arapahoe Law Enforcement Authority Governing Board must establish an annual levy of taxes for the Arapahoe Law Enforcement Authority Fund for the ensuing fiscal year and that said mill levy for the Arapahoe Law Enforcement Authority Fund be set within the last quarter of each fiscal year; and

WHEREAS, as a result of the November 2, 1993 election, the voters of the Arapahoe Law Enforcement Authority did approve an increase in the mill levy for 1994 and subsequent fiscal years and established a minimum certified mill levy of 4.982 mills pursuant to Section 30-11-406.5, C.R.S. as amended, and Section 20 of Article X of the Colorado Constitution; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from Arapahoe Law Enforcement Authority levies and the County Assessor has adjusted the Arapahoe Law Enforcement Authority assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners, acting as the Arapahoe Law Enforcement Authority Governing Board, is desirous of establishing said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Arapahoe Law Enforcement Authority Governing Board that there is hereby established for law enforcement authority purposes, upon all taxable property, real, personal and mixed, tangible and intangible, within the boundaries of the Arapahoe Law Enforcement Authority, in the County of Arapahoe, State of Colorado, not exempted by law, a tax of 4.982 mills for the Arapahoe Law Enforcement Authority for fiscal year 2023, which shall be certified to the Board of County Commissioners. This is effective 12:01 am, January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$1,827,174,930.

C. APPROPRIATION OF 2023 BUDGET – ARAPAHOE LAW ENFORCEMENT AUTHORITY

WHEREAS, in accordance with the Local Government Budget Law, pursuant to Article 1 of Title 29, C.R.S. as amended; and WHEREAS, the Governing Board of the Arapahoe Law Enforcement Authority has made provisions within the Budget for revenues in an amount equal to or greater than the total expenditures as set forth in said Budget; and

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must appropriate the revenues set forth in the budget for the several offices, departments, boards, commissions, and other spending agencies as hereinafter set forth; and

WHEREAS, pursuant to the aforementioned statutes, such appropriations shall be made before the beginning of the fiscal year by adoption of a resolution making such appropriations.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, acting as the Governing Board of the Arapahoe Law Enforcement Authority, to appropriate the following amounts effective 12:01 a.m., January 1, 2023:

ARAPAHOE LAW ENFORCEMENT AUTHORITY

Amount of Appropriated Funds for 2023 Fiscal Year \$ 10,168,065

BE IT FURTHER RESOLVED by the Board of County Commissioners that the Arapahoe County Finance Director is authorized to review (a) all purchase orders that are open at the end of calendar year 2022, (b) all fixed assets approved in 2022 Budget but which were not purchased in 2022, (c) all capital projects previously started but not finished in 2022, and (d) all grant projects previously started but not finished in 2022, and is authorized to identify which purchase orders, fixed assets, capital projects and grants projects that should be reappropriated in 2023, and is authorized to

increase the appropriation so to continue the funding of these previously appropriated needs, subject to action by the Board.

The vote was:

Commissioner/Director Baker, Yes; Commissioner/Director Holen, Yes; Commissioner/Director Jackson, Yes; Commissioner/Director Sharpe, Yes; Commissioner/Director Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-363C It was moved by Commissioner/Director Sharpe and duly seconded by Commissioner/Director Holen to adopt the following Resolution:

A. ADOPTION OF 2023 BUDGET – ARAPAHOE COUNTY RECREATION DISTRICT

WHEREAS, the Arapahoe County Budget Officer has submitted a proposed 2023 Budget to the Board of County Commissioners, acting as the Board of Directors of the Arapahoe County Recreation District, for its consideration; and

WHEREAS, the Board of County Commissioners has caused to be published a notice relating to a public hearing to be held on the proposed 2023 Arapahoe County Recreation District Budget, pursuant to Section 29-1-106, C.R.S. as amended; and

WHEREAS, pursuant to statute and the aforementioned notice provisions, public hearings were held before the Board of County Commissioners on October 11, 2022 and October 25, 2022 at the Arapahoe County Administration Building, 5334 South Prince Street, Littleton, Colorado, at which time evidence and testimony were presented to the Board concerning said proposed Budget and mill levies; and

WHEREAS, at the October 25, 2022 public hearing, the Board adopted Resolution No. 22-297 which continued the public hearing to this date; and

WHEREAS, up to and including this date, said proposed Budget has been open for inspection by the public and interested citizens and electors have been given the opportunity to file or register any objections to said proposed Budget pursuant to Section 29-1-107, C.R.S. as amended; and

WHEREAS, the Board of County Commissioners is desirous of adopting said proposed budget at this time; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenues so that the budget remained in balance, as required by Section 29-1-108, C.R.S. as amended.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, acting as the Board of Directors of the Arapahoe County Recreation District, as follows:

Section 1: That estimated expenditures for the Arapahoe County Recreation District are as follows:

Arapahoe County Recreation District Fund	\$	1,832,535
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Section 2: That estimated revenues for the Arapahoe County Recreation District Fund are as follows:

1. From the Property Tax Levy	\$	1,180,703
2. From Sources Other than Property Tax		328,104

3. From Unappropriated Fund Balance	<u>323,728</u>
4. Total Revenues	\$ 1,832,535

Section 3: That the Budget, as submitted, amended, and hereinabove summarized be and the same hereby as approved and adopted as the Budget of the Arapahoe County Recreation District Fund for the year stated above. Said Budget, as adopted, is hereby filed with the Clerk to the Board.

BE IT FURTHER RESOLVED that the authorized staffing level of the Arapahoe County Recreation District shall be 0.0 full-time equivalent employees.

B. MILL LEVY CERTIFICATION – ARAPAHOE COUNTY RECREATION DISTRICT

WHEREAS, pursuant to Titles 29, 30 and 39, C.R.S., the Board of Directors of the Arapahoe County Recreation District must establish an annual levy of taxes for the Arapahoe County Recreation District Fund for the ensuing fiscal year and that said mill levy for the Arapahoe County Recreation District Fund be set within the last quarter of each fiscal year; and

WHEREAS, pursuant to Section 29-1-301, C.R.S. as amended, the Recreation District cannot establish a tax levy which would raise a greater amount of revenue than was levied in the preceding year plus new construction, plus five and one-half percent plus the amount of revenue abated or refunded by the County; and

WHEREAS, the County staff has evaluated the total valuation of the Arapahoe County Recreation District for assessment purposes and has adjusted and reduced the mill levy in order to be in compliance with the statutory requirements of Section 29-1-301, C.R.S. as amended, and

WHEREAS, pursuant to Section 39-10-114(1)(a)(I)(B), C.R.S., the Board of County Commissioners may adjust the amount of its tax levy by an additional amount to reflect the proportionate share of the total abatements and refunds made pursuant to law; and

WHEREAS, the Board has determined that such an additional tax levy for abatements and refunds will capture revenues which were needed to balance the previous year's budget, will not cause a net revenue gain to the Arapahoe County Recreation District, and is a sound financial policy to prevent any loss of government services due to an unavoidable decrease in revenues; and

WHEREAS, the County has paid \$9,747 in refunds or abatements between August 1, 2021 and August 1, 2022 and desires to recapture all of the amounts of refunds and abatements made during this period; and

WHEREAS, pursuant to Article X, Section 20 of the Colorado Constitution, the County may not, in future years, increase the mill levy above the mill levy for the prior year, without the approval of the voters; and

WHEREAS, when the assessed valuation in the County increases, it is necessary to decrease the overall County mill levy; and if the assessed valuation in the County would decrease, there would be a net revenue loss from the current level if the current mill levy is reduced permanently; and

WHEREAS, it is prudent to instead impose a temporary tax credit or rate reduction to allow for future unknown changes in the assessed valuation of the Arapahoe County Recreation District; and

WHEREAS, pursuant to the Colorado Constitution, the Board may impose a temporary tax credit or rate reduction in order to collect the appropriate amount of taxes and thus avoid a future refund of taxes and the Board has determined that this temporary tax credit or rate reduction should be -0.185 mills for the upcoming fiscal year; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from the Arapahoe County Recreation District levies and the County Assessor has adjusted the Arapahoe County Recreation District assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners, acting as the Board of Directors of the Arapahoe County Recreation District, is desirous of establishing said aforementioned levies at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, acting as the Board of Directors of the Arapahoe County Recreation District, that there is hereby established for recreation district purposes, upon all taxable property, real, personal and mixed, tangible and intangible, in the Arapahoe County Recreation District in the County of Arapahoe, State of Colorado, not exempted by law, a tax for the Arapahoe County Recreation District as follows:

Mill Levy	0.869
Abatement/Refund	0.006
Temporary Tax Credit/Rate Reduction	<u>-0.185</u>
Total Adjusted Mill Levy	0.690

This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$1,728,058,743.

C. APPROPRIATION OF 2023 BUDGET – ARAPAHOE COUNTY RECREATION DISTRICT

WHEREAS, in accordance with the Local Government Budget Law, pursuant to Article 1 of Title 29, C.R.S. as amended; and

WHEREAS, the Arapahoe County Recreation District has made provisions within the Budget for revenues in an amount equal to or greater than the total expenditures as set forth in said Budget; and,

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S. as amended, the Board must appropriate the revenues set forth in the budget for the several offices, departments, boards, commissions, and other spending agencies as hereinafter set forth; and

WHEREAS, pursuant to the aforementioned statutes, such appropriations shall be made before the beginning of the fiscal year by adoption of a resolution making such appropriations.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County to appropriate the following amounts effective 12:01 a.m., January 1, 2023:

ARAPAHOE COUNTY RECREATION DISTRICT

Amount of Appropriated Funds for 2023 Fiscal Year \$ 1,832,535

BE IT FURTHER RESOLVED by the Board of County Commissioners that the Arapahoe County Finance Director is authorized to review (a) all purchase orders that are open at the end of calendar year 2022, (b) all fixed assets approved in 2022 Budget but which were not purchased in 2022, (c) all capital projects previously started but not finished in 2022, and (d) all grant projects previously started but not finished in 2022, and is authorized to identify which purchase orders, fixed assets, capital projects and grants projects that should be reappropriated in 2022, and is authorized to increase the appropriation so to continue the funding of these previously appropriated needs, subject to action by the Board.

The vote was:

Commissioner/Director Baker, Yes; Commissioner/Director Holen, Yes; Commissioner/Director Jackson, Yes; Commissioner/Director Sharpe, Yes; Commissioner/Director Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-363D It was moved by Commissioner/Director Sharpe and duly seconded by Commissioner/Director Holen to adopt the following Resolution:

A. ADOPTION OF 2023 BUDGET – ARAPAHOE COUNTY WATER AND WASTEWATER PUBLIC IMPROVEMENT DISTRICT

WHEREAS, on November 6, 2001, the electors in the Arapahoe County Water and Wastewater Public Improvement District approved the formation of the Arapahoe County Water and Wastewater Public Improvement District; and

WHEREAS, the Board of Directors of the Arapahoe Water and Wastewater Authority has submitted a proposed 2023 Budget for the Arapahoe County Water and Wastewater Public Improvement District pursuant to an intergovernmental agreement with the County; and

WHEREAS, the Board of County Commissioners, acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District, has caused to be published a notice relating to a public hearing to be held on the proposed 2023 Arapahoe County Water and Wastewater Public Improvement District Budget, pursuant to Section 29-1-106, C.R.S. as amended; and

WHEREAS, pursuant to statute and the aforementioned notice provisions, public hearings were held before the Board of County Commissioners on October 11, 2022 and October 25, 2022 at the Arapahoe County Administration Building, 5334 South Prince Street, Littleton, Colorado, at which time evidence and testimony were presented to the Board concerning said proposed Budget and mill levies; and

WHEREAS, at the October 25, 2022 public hearing, the Board adopted Resolution No. 22-297 continued the public hearing to this date and the Board caused notice of this public hearing as required by Section 30-20-511, C.R.S. as amended, to be posted; and

WHEREAS, up to and including this date, said proposed Budget has been open for inspection by the public and interested citizens and electors have been given the opportunity to file or register any objections to said proposed Budget pursuant to Section 29-1-107, C.R.S. as amended; and

WHEREAS, the Board of County Commissioners is desirous of adopting said proposed Budget at this time; and

WHEREAS, whatever increases may have been made in the expenditures, like increases were added to the revenues so that the Budget remained in balance, as required by Section 29-1-108, C.R.S., as amended.

NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District, as follows:

Section 1: That estimated expenditures for the Arapahoe County Water and Wastewater Public Improvement District Fund are as follows:

Arapahoe County Water and Wastewater Public Improvement District Fund: \$ 8,838,876

Section 2: That estimated revenues for the Arapahoe County Water and Wastewater Public Improvement District Fund are as follows:

1. From the Property Tax Levy	\$ 8,313,357
2. From Sources Other than Property Tax	515,000
3. From Unappropriated Fund Balance	<u>10,519</u>
4. Total Revenues	\$ 8,838,876

Section 3: That the Budget, as submitted, amended, and hereinabove summarized be and the same hereby as approved and adopted as the Budget of the Arapahoe County Water and Wastewater Public Improvement District Fund for the year stated above. Said Budget, as adopted, is hereby filed with the Clerk to the Board.

B. MILL LEVY CERTIFICATION – ARAPAHOE COUNTY WATER AND WASTEWATER PUBLIC IMPROVEMENT DISTRICT

WHEREAS, pursuant to Titles 29, 30 and 39, C.R.S., the Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District must establish an annual levy of taxes for the Arapahoe County Water and Wastewater Public Improvement District Fund for the ensuing fiscal year and that said mill levy for the Arapahoe County Water and Wastewater Public Improvement District Fund be set within the last quarter of each fiscal year; and

WHEREAS, this mill levy must, along with other available funds, provide adequate funding to pay the scheduled debt service of the outstanding Public Improvement District General Obligation Bonds in 2023; and

WHEREAS, the Board has exempted personal property tax schedules up to \$20,000 from the Arapahoe County Water and Wastewater Public Improvement District levies and the County Assessor has adjusted the Arapahoe County Water and Wastewater Public Improvement District assessed valuation to provide for this change in the exemption; and

WHEREAS, the Board of County Commissioners, acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District, is desirous of establishing the said aforementioned levy at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners, acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement

District, that there is hereby established for the purpose, of paying the scheduled debt service for the outstanding General Obligation bonds upon all taxable property, real, personal and mixed, tangible and intangible, in the Arapahoe County Water and Wastewater Public Improvement District in the County of Arapahoe and in the County of Douglas, State of Colorado, not exempted by law, a tax for the Arapahoe County Water and Wastewater Public Improvement District of 10.500 mills. This is effective 12:01 a.m., January 1, 2023.

BE IT FURTHER RESOLVED that the foregoing levy is made on the assessed valuation of \$807,906,394.

C. APPROPRIATION OF 2023 BUDGET – ARAPAHOE COUNTY WATER AND WASTEWATER PUBLIC IMPROVEMENT DISTRICT

WHEREAS, in accordance with the Local Government Budget Law, pursuant to Article 1 of Title 29, C.R.S. as amended; and

WHEREAS, the Board has made provisions within the Budget for revenues in an amount equal to or greater than the total expenditures as set forth in said Budget; and

WHEREAS, pursuant to Sections 29-1-108 and 30-25-101 *et seq.*, C.R.S., as amended, the Board must appropriate the revenues in the budget for as hereinafter set forth; and

WHEREAS, pursuant to the aforementioned statutes, such appropriations shall be made before the beginning of the fiscal year by adoption of a resolution making such appropriations.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District, to appropriate the following amounts effective 12:01 a.m., January 1, 2023:

ARAPAHOE COUNTY WATER AND WASTEWATER
PUBLIC IMPROVEMENT DISTRICT

Amount of Appropriated Funds for 2023 Fiscal Year	\$ 8,838,876
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BE IT FURTHER RESOLVED by the Board of County Commissioners acting as the *ex officio* Board of Directors of the Arapahoe County Water and Wastewater Public Improvement District, that the Arapahoe County Finance Director is authorized to review (a) all purchase orders that are open at the end of calendar year 2022, and (b) all capital projects previously started but not finished in 2022 and, is authorized to identify which purchase orders and capital projects that should be reappropriated in 2023, and is authorized to increase the appropriation so to continue the funding of these previously appropriated needs, subject to action by the Board.

The vote was:

Commissioner/Director Baker, Yes; Commissioner/Director Holen, Yes; Commissioner/Director Jackson, Yes; Commissioner/Director Sharpe, Yes; Commissioner/Director Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-363E It was moved by Commissioner/Director Sharpe and duly seconded by Commissioner/Director Holen to authorize the Chair of the Board of County Commissioners to sign the Certification of Tax Levy Forms for Arapahoe County, for the Arapahoe Law Enforcement Authority, for the Arapahoe County Recreation District, and for the Arapahoe County Water and Wastewater Public Improvement District.

The vote was:

Commissioner/Director Baker, Yes; Commissioner/Director Holen, Yes; Commissioner/Director Jackson, Yes; Commissioner/Director Sharpe, Yes; Commissioner/Director Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-364 It was moved by Commissioner Warren-Gully and duly seconded by Commissioner Baker to adopt the following Resolution:

A. Cities and Towns

WHEREAS, pursuant to Section 39-5-128, C.R.S., all cities and towns within Arapahoe County must certify to the Board of County Commissioners the levy of said city or town for the ensuing fiscal year (2023); and

WHEREAS, the Board of County Commissioners has received said certifications from the hereinafter described cities and towns; and

WHEREAS, pursuant to Section 39-1-111, C.R.S., the Board of County Commissioners must levy taxes for cities and towns as provided by law, no later than December 22, 2022, and

WHEREAS, the Board of County Commissioners is desirous of levying said taxes at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County that there shall be and there is hereby levied against all taxable property, real, personal and mixed, tangible and intangible, not exempt by law within the corporate limits of each of the following cities and towns, the following tax, to wit:

CITIES AND TOWNS

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions Levies approved at election		5) - Refunds/Abatement (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Aurora	\$ 4,560,278,343	8.605 \$ 39,241,195	(2) -0.789 \$ (3,598,060)	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	7.816 \$ 35,643,136	
Bennett	\$ 8,000,696	11.950 \$ 95,608	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	11.950 \$ 95,608	
Bow-Mar	\$ 26,605,483	15.650 \$ 416,376	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	10.000 \$ 266,055	25.650 \$ 682,431		
Centennial (C)	\$ 2,629,512,508	4.982 \$ 13,100,231	(2) \$ -	0.000 \$ -	0.000 \$ -	0.026 \$ 68,367	0.000 \$ -	0.000 \$ -	5.008 \$ 13,168,599		
Cherry Hills Village	\$ 389,581,662	14.722 \$ 5,735,421	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	14.722 \$ 5,735,421		
Columbine Valley (A)	\$ 62,693,992	9.339 \$ 585,499	(2) \$ -	0.000 \$ -	0.000 \$ -	0.014 \$ 878	0.000 \$ -	0.000 \$ -	9.353 \$ 586,377		
Deer Trail	\$ 11,575,392	13.453 \$ 155,724	(2) -2.023 \$ (23,417)	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	11.430 \$ 132,307		
Englewood	\$ 896,661,231	5.880 \$ 5,272,368	(2) \$ -	0.000 \$ -	3.131 \$ 2,807,446	0.000 \$ -	0.000 \$ -	0.000 \$ -	9.011 \$ 8,079,814		
Foxfield (A)	\$ 23,501,605	4.982 \$ 117,085	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	4.982 \$ 117,085		
Glendale (A)	\$ 240,599,252	18.670 \$ 4,491,988	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	18.670 \$ 4,491,988		
Greenwood Village (B)	\$ 1,375,884,188	2.932 \$ 4,034,092	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	2.932 \$ 4,034,092		
Littleton (A)	\$ 993,061,403	2.000 \$ 1,986,123	(2) \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	0.000 \$ -	2.000 \$ 1,986,123		
Sheridan	\$ 187,955,744	5.974 \$ 1,122,848	(2) \$ -	0.000 \$ -	12.795 \$ 2,404,894	0.380 \$ 71,423	0.000 \$ -	0.000 \$ -	19.149 \$ 3,599,165		
CITIES & TOWNS TOTAL:		(1) \$ 76,354,559	(2) \$ (3,621,477)	(3) \$ -	(4) \$ 5,212,340	(5) \$ 0.000	(6) \$ 140,668	(7) \$ 266,055			\$ 78,352,145

- (A) These Cities and Towns have adopted an ordinance exempting \$10,000 of actual value of personal property.
 (B) These Cities and Towns have adopted an ordinance exempting \$20,000 of actual value of personal property.
 (C) These Cities and Towns have adopted an ordinance exempting \$100,000 of actual value of personal property.

BE IT FURTHER RESOLVED that the Board of County Commissioners of Arapahoe County in certifying the mill levies of the above-noted cities and towns is performing a ministerial and non-discretionary act to comply with the requirements of Sections 39-1-111 and 39-5-128, C.R.S.; that the Board of County Commissioners has no authority to modify the mill levies so certified to it; that the Board of County Commissioners has presumed that the above-noted cities and towns have complied with the Colorado constitutional and statutory requirements concerning said levies; that the Board of County Commissioners assumes no liability or responsibility associated with any levy of any of the above-noted cities and towns except for the ministerial, non-discretionary act of certification; and directs the Arapahoe County Finance Director to transmit a copy of the certification to the Assessor, Colorado Property Tax Administrator, the Division of Local Government, and the Department of Education.

B. School Districts

WHEREAS, pursuant to Section 39-5-128, C.R.S., all school districts within Arapahoe County must certify to the Board of County Commissioners the levy of said school district for the ensuing fiscal year (2023); and

WHEREAS, the Board of County Commissioners has received said certification from the hereinafter described school districts; and

WHEREAS, pursuant to Section 39-1-111, C.R.S., the Board of County Commissioners must levy taxes for school districts as provided by law, no later than December 22, 2022; and

WHEREAS, the Board of County Commissioners is desirous of levying said taxes at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, that there shall be and there is hereby levied against all taxable property, real, personal and mixed, tangible and intangible, not exempt by law within the boundaries of each of the following school districts, the following tax, to wit:

SCHOOL DISTRICTS

DEPT. OF EDUCATION LEGAL SCHOOL DISTRICT NAME	ASSESSED VALUATION Nearest Ten Dollars	(1)TOTAL PROGRAM & CATEGORICAL BUYOUT		(3)BOND REDEMPTION		(5) ABATEMENTS		(7)SPECIAL BUILDING/TECHNOLOGY		TOTAL ALL FUNDS	
		2)TEMPORARY TAX CREDIT		(4)OVERRIDE MILL LEVY		(6)TRANSPORTATION		(8)OTHER			
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	(Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
School Dist #1 (Englewood)	\$ 724,799,393	(1) 35.665 \$ (2) (3.105) \$	25,849,970 (2) (2,250,502)	(3) 16.131 \$ (4) \$	11,691,739 (4) -	(5) 0.384 \$ (6) \$	278,323 (6) -	(7) \$ (8) \$	- (8) -	49.075 \$	35,569,530
School Dist #2 (Sheridan)	\$ 302,572,080	(1) 27.000 \$ (2) (4.053) \$	8,169,446 (2) (1,226,325)	(3) 5.609 \$ (4) \$	1,697,127 (5) -	(5) 0.573 \$ (6) \$	173,374 (6) -	(7) \$ (8) 14.352 \$	- (8) 4,342,514	43.481 \$	13,156,137
School Dist #5 (Cherry Creek)	\$ 7,528,309,112	(1) 36.479 \$ (2) \$	274,625,188 (2) -	(3) 7.776 \$ (4) \$	58,540,132 (5) -	(5) 0.336 \$ (6) \$	2,529,512 (6) -	(7) \$ (8) 5.272 \$	- (8) 39,689,246	49.863 \$	375,384,077
School Dist #6 (Littleton)	\$ 2,079,912,120	(1) 41.073 \$ (2) \$	85,428,231 (2) -	(3) 17.769 \$ (4) \$	36,957,958 (5) -	(5) 0.219 \$ (6) \$	455,501 (6) -	(7) \$ (8) 8.000 \$	- (8) 16,639,297	67.061 \$	139,480,987
School Dist 26J (Deer Trail)	\$ 48,913,143	(1) 27.000 \$ (2) \$	1,320,655 (2) -	(3) 9.759 \$ (4) \$	477,343 (5) -	(5) \$ (6) \$	- (6) -	(7) \$ (8) \$	- (8) -	36.759 \$	1,797,998
Adams/Arap. School Dist #28J (Aurora)	\$ 2,356,499,961	(1) 54.164 \$ (2) \$	127,637,464 (2) -	(3) 23.000 \$ (4) \$	54,199,499 (5) -	(5) 0.682 \$ (6) \$	1,607,133 (6) -	(7) \$ (8) \$	- (8) -	77.846 \$	183,444,096
School Dist #29J (Bennett)	\$ 157,916,258	(1) 25.265 \$ (2) (0.980) \$	3,989,754 (2) (154,758)	(3) \$ (4) \$	- (5) -	(5) 0.036 \$ (6) \$	5,685 (6) -	(7) \$ (8) \$	- (8) -	24.321 \$	3,840,681
School Dist #31J (Strasburg)	\$ 32,062,828	(1) 27.000 \$ (2) \$	865,696 (2) -	(3) 14.536 \$ (4) 2.553 \$	466,065 (5) 81,856	(5) 0.047 \$ (6) \$	1,507 (6) -	(7) \$ (8) \$	- (8) -	44.136 \$	1,415,125
School Dist #32J (Byers)	\$ 38,170,841	(1) 27.000 \$ (2) (1.091) \$	1,030,613 (2) (41,644)	(3) \$ (4) \$	- (5) -	(5) 0.085 \$ (6) \$	3,245 (6) -	(7) \$ (8) 3.734 \$	- (8) 142,530	29.728 \$	1,134,743
TOTAL:	\$ 13,269,155,736	(1) \$ (2) \$	528,917,017 (2) (3,673,229)	(3) \$ (4) \$	164,029,864 (6) 81,856	(5) \$ (6) \$	5,054,279 (8) -	(7) \$ (8) \$	- (8) 60,813,587	xxx	\$ 755,223,374

BE IT FURTHER RESOLVED that the Board of County Commissioners of Arapahoe County in certifying the mill levies of the above-noted school districts is performing a ministerial and non-discretionary act to comply with the requirements of Sections 39-1-111 and 39-5-128, C.R.S.; that the Board of County Commissioners has no authority to modify the mill levies so certified to it; that the Board of County Commissioners has presumed that the above-noted school districts have complied with the Colorado constitutional and statutory requirements concerning said levies; that the Board of County Commissioners assumes no liability or responsibility associated with any levy of any of the above-noted school districts except for the ministerial, non-discretionary act of

certification; and directs the Arapahoe County Finance Director to transmit a copy of the certification to the Assessor, Colorado Property Tax Administrator, the Division of Local Government, and the Department of Education.

C. Special Districts

WHEREAS, pursuant to Section 39-5-128, C.R.S., all special districts within Arapahoe County must certify to the Board of County Commissioners the levy of said special district for the ensuing fiscal year (2023); and

WHEREAS, the Board of County Commissioners has received said certifications from the hereinafter described special districts; and

WHEREAS, pursuant to Section 39-1-111, C.R.S., the Board of County Commissioners must levy taxes for special districts as provided by law, no later than December 22, 2022; and

WHEREAS, the Board of County Commissioners is desirous of levying said taxes at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Arapahoe County, that there shall be and there is hereby levied against all taxable property, real, personal and mixed, tangible and intangible, not exempt by the law within the boundaries of each of the following special districts, the following tax, to wit:

LOCAL IMPROVEMENT AND SERVICE DISTRICTS

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
The Avenues Metro District #1	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
The Avenues Metro District #2	\$ 1,577	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
The Avenues Metro District #3	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
The Avenues Metro District #4	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
The Avenues Metro District #5	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Adonea Metro District #2	\$ 30,997,562	(1) 15.000	\$ 464,963	(3) 1.133	\$ 35,120	(5) 0.000	\$ -	(7) 0.000	\$ -	53.133	\$ 1,646,993
		(2) -	\$ -	(4) 37.000	\$ 1,146,910	(6) 0.000	\$ -				
Abilene Station Metro District #1	\$ 3,444,764	(1) 40.000	\$ 137,791	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	40.000	\$ 137,791
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Abilene Station Metro District #2	\$ 145	(1) 40.000	\$ 6	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	40.000	\$ 6
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Agate Conservation District	\$ 125,346	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Arapahoe County		(1) 4.982	\$ 9,102,986	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	4.982	\$ 9,102,986
Law Enforcement Authority (B)	\$ 1,827,174,930	(1) -	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	-	\$ -
Arapahoe County		(1) 0.869	\$ 1,501,683	(3) 0.000	\$ -	(5) 0.006	\$ 10,368	(7) 0.000	\$ -	0.690	\$ 1,192,361
Recreation District (B)	\$ 1,728,058,743	(1) -0.185	\$ (319,691)	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	-	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Alameda Center URA	\$ 8,504,987	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Antelope Water		(1) 0.943	\$ 5,995	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.943	\$ 5,995
System General Improve Dist	\$ 6,357,867	(1) -	\$ -	(3) 28.659	\$ 182,204	(5) 0.000	\$ -	(7) 0.000	\$ -	28.659	\$ 182,204
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Arapahoe Lake Public Park District	\$ 10,573,106	(1) 12.000	\$ 126,877	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	12.000	\$ 126,877
		(2) -	\$ -	(4) 10.400	\$ 109,960	(6) 0.000	\$ -				
Arapahoe Park & Recreation District	\$ 713,094,168	(1) 6.140	\$ 4,378,398	(3) 0.000	\$ -	(5) 0.020	\$ 14,262	(7) 0.000	\$ -	6.160	\$ 4,392,660
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Arapahoe Library District	\$ 7,231,030,680	(1) 5.737	\$ 41,484,423	(3) 0.000	\$ -	(5) 0.034	\$ 245,855	(7) 0.000	\$ -	5.771	\$ 41,730,278
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Arapahoe Water & Wastewater Public Imprv Dist. (B)	\$ 733,662,094	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 10.500	\$ 7,703,452	(6) 0.000	\$ -				
Aurora Crossroads Metro Dist #1	\$ 15,431	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aurora Crossroads Metro Dist #2	\$ 38,072,556	(1) 10.000	\$ 380,726	(3) 1.000	\$ 38,073	(5) 0.000	\$ -	(7) 0.000	\$ -	11.000	\$ 418,799
		(2) -	\$ -	(4) 50.000	\$ 1,903,628	(6) 0.000	\$ -				
Crossroads East Metro District	\$ 16,903	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Antelope Hills General Imprv District	\$ 7,377,416	(1) 36.710	\$ 270,825	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	36.710	\$ 270,825
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aurora Centratech Metro District	\$ 44,009,046	(1) 9.568	\$ 421,079	(3) 0.000	\$ -	(5) 0.734	\$ 32,303	(7) 0.000	\$ -	10.302	\$ 440,382
		(2) -	\$ -	(4) 28.497	\$ 1,254,126	(6) 0.000	\$ -				
Aspen Grove		(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
Business Improvement District	\$ 20,058,186	(1) -	\$ -	(3) 25.000	\$ 501,455	(5) 0.000	\$ -	(7) 0.000	\$ -	25.000	\$ 501,455
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aspen Business Park Metro District	\$ 2,559	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aspen Grove		(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
Business Improvement District Bonds	\$ 5,545,250	(1) -	\$ -	(3) 25.000	\$ 138,631	(5) 0.000	\$ -	(7) 0.000	\$ -	25.000	\$ 138,631
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aurora City Center II URA TIF Area 1	\$ 1,918,771	(1) -	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Beacon Point Metropolitan District	\$ 36,411,037	(1) 21.584	\$ 785,896	(3) 1.306	\$ 47,553	(5) 0.000	\$ -	(7) 0.000	\$ -	22.890	\$ 833,449
		(2) -	\$ -	(4) 31.863	\$ 1,160,165	(6) 0.000	\$ -				
Aurora City Center II URA Area 2	\$ 599,083	(1) -	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aurora City Center II URA Area 3	\$ 148,327	(1) -	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Aurora City Center II URA Area 4	\$ 313,636	(1) -	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bellevue Place Metro District	\$ 2,732,827	(1) 56.582	\$ 154,629	(3) 1.145	\$ 3,129	(5) 0.000	\$ -	(7) 0.000	\$ -	57.727	\$ 157,758
		(2) -	\$ -	(4) 57.265	\$ 156,495	(6) 0.000	\$ -				
Bennett Fire Protection District	\$ 194,051,274	(1) 13.000	\$ 2,522,667	(3) 0.000	\$ -	(5) 0.004	\$ 776	(7) 0.000	\$ -	13.152	\$ 2,523,443
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.148	\$ 28,720				
Bijou Creek Metro District	\$ 3,613,457	(1) 10.255	\$ 37,056	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	10.255	\$ 37,056
		(2) -	\$ -	(4) 51.279	\$ 185,294	(6) 0.000	\$ -				
Bow Mar Water & Sanitation District	\$ 24,010,535	(1) 11.317	\$ 271,727	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	11.317	\$ 271,727
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bravada Neher Metro District #1	\$ 4,637	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bravada Neher Metro District #2	\$ 4,468	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bravada Neher Metro District #3	\$ 4,468	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bravada Neher Metro District #4	\$ 4,468	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Bristol Metro District	\$ 2,279,364	(1) 11.430	\$ 26,053	(3) 1.142	\$ 2,603	(5) 0.000	\$ -	(7) 0.000	\$ -	12.572	\$ 28,656
		(2) -	\$ -	(4) 57.158	\$ 130,284	(6) 0.000	\$ -				
Bravada Neher Metro District #5	\$ 4,468	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				
Buckingham Urban Renewal TIF 1	\$ 25,444,727	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -				

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Buckingham Urban Renewal TIF 2	\$ 4,162,353	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Buckingham Urban Renewal TIF 3	\$ 1,124,563	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Byers Fire Protection District #9	\$ 32,891,636	9.774	\$ 321,483	0.000	\$ -	0.000	\$ -	0.000	\$ -	9.774	\$ 321,483
Byers Park & Recreation District	\$ 21,957,419	2.589	\$ 56,848	0.000	\$ -	0.067	\$ 1,471	0.000	\$ -	2.656	\$ 58,319
Byers Water & Sanitation District	\$ 10,856,093	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
South Metro Fire Rescue	\$ 7,006,008,973	9.250	\$ 64,805,583	0.000	\$ -	0.038	\$ 266,228	0.000	\$ -	9.288	\$ 65,071,811
Castlewood	\$ -	0.868	\$ 488,700	0.000	\$ -	0.012	\$ 6,756	0.000	\$ -	0.880	\$ 495,457
Water & Sanitation District A	\$ 563,018,838	0.593	\$ 26,825	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.593	\$ 26,825
Castlewood	\$ -	0.593	\$ 8,502	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.593	\$ 8,502
Water & Sanitation District B	\$ 45,235,804	0.593	\$ 12,935	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.593	\$ 12,935
Castlewood	\$ -	0.593	\$ 12,935	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.593	\$ 12,935
Water & Sanitation District C	\$ 14,336,535	0.275	\$ 2,152	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.275	\$ 2,152
Castlewood	\$ -	0.275	\$ 2,152	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.275	\$ 2,152
Water & Sanitation District D	\$ 21,812,141	1.957	\$ 104,325	0.000	\$ -	0.000	\$ -	0.000	\$ -	1.957	\$ 104,325
Castlewood	\$ -	1.957	\$ 104,325	0.000	\$ -	0.000	\$ -	0.000	\$ -	1.957	\$ 104,325
Water & Sanitation District E	\$ 7,825,198	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Centennial Downs Metro District	\$ 53,308,529	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Centennial 360 Metropolitan District	\$ 145	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Centennial Urban Renewal Authority	\$ 53,706,233	4.197	\$ 75,458	8.200	\$ 147,428	0.000	\$ -	0.000	\$ -	12.397	\$ 222,886
Chaparral Metropolitan District	\$ 17,979,038	0.500	\$ 1,180,612	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.500	\$ 1,180,612
Cherry Creek	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Basin Water Quality Auth	\$ 2,361,223,686	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherry Creek Corporate Center URA	\$ 21,436,091	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherry Creek Corporate Center	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Metropolitan District	\$ 14,052,075	1.500	\$ 4,217	0.000	\$ -	0.000	\$ -	0.000	\$ -	2.252	\$ 62,561
Cherry Creek Racquet Club Gld	\$ 2,811,491	0.000	\$ -	20.752	\$ 58,344	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherry Creek Valley	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Water & Sanitation District	\$ 281,187,306	2.800	\$ 86,153	0.000	\$ -	0.012	\$ 677	0.000	\$ -	2.822	\$ 86,830
Cherry Creek Village Water District	\$ 30,768,955	4.879	\$ 46,703	0.000	\$ -	0.000	\$ -	0.000	\$ -	9.379	\$ 89,778
Cherry Creek Vista	\$ -	5.464	\$ 451,482	4.500	\$ 371,828	0.000	\$ -	0.000	\$ -	9.964	\$ 823,311
Metro Rec & Park Dist A	\$ 9,572,230	22.000	\$ 62,248	1.144	\$ 3,237	0.000	\$ -	0.000	\$ -	80.391	\$ 227,461
Cherry Creek Vista	\$ 82,628,518	57.247	\$ 161,977	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Metro Rec & Park Dist B	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherry Hills City Metro District	\$ 2,829,435	0.000	\$ -	0.000	\$ -	0.500	\$ 283,358	0.000	\$ -	0.500	\$ 283,358
Cherry Hills Fire Protection Bonds Only	\$ 566,716,787	7.201	\$ 35,022	0.000	\$ -	0.000	\$ -	0.000	\$ -	4.216	\$ 20,505
Cherry Hills Heights	\$ 4,863,505	-2.985	\$ (14,518)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Water & San District	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherry Hills Heights	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Water & San Sub-District A	\$ 710,157	8.281	\$ 116,391	0.000	\$ -	0.008	\$ 118	0.000	\$ -	8.289	\$ 116,509
Cherry Hills	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
North Metropolitan District	\$ 14,055,180	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
City Of Cherry Hills	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Village Sanitation District	\$ 252,525,534	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
E-470 Commercial Metro District #1	\$ 21,298	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
E-470 Commercial Metro District #2	\$ 21,298	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
E-470 Commercial Metro District #3	\$ 21,298	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cityset Metropolitan District No 1	\$ 1,411	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cityset Metropolitan District No 2	\$ 10,966,574	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cityset Urban Renewal Area-Glendale	\$ 10,967,985	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Charlton Park 3rd Filing GID	\$ 2,376,730	0.000	\$ -	10.750	\$ 25,550	0.000	\$ -	0.000	\$ -	10.750	\$ 25,550
Cherry Park	\$ -	4.437	\$ 73,429	0.000	\$ -	0.000	\$ -	0.000	\$ -	3.991	\$ 66,048
General Improvement District	\$ 16,549,321	-0.446	\$ (7,381)	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Coal Creek Metro Dist #1	\$ 2,366,609	70.000	\$ 165,663	0.000	\$ -	0.195	\$ 461	0.000	\$ -	70.195	\$ 166,124
Coal Creek Metro Dist #2	\$ 19	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Coal Creek Metro Dist #3	\$ 19	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Coal Creek Metro Dist #4	\$ 19	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Coal Creek Metro Dist #5	\$ 19	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Cherryvale Sanitation District	\$ 10,502,182	9.750	\$ 102,396	0.000	\$ -	0.000	\$ -	0.000	\$ -	9.750	\$ 102,396
Gladel on Colfax Business	\$ -	20.000	\$ 37,348	1.000	\$ 1,867	0.000	\$ -	0.000	\$ -	71.000	\$ 132,585
Improvement District	\$ 1,867,401	14.000	\$ 486,900	50.000	\$ 93,370	0.000	\$ -	0.000	\$ -	56.428	\$ 1,962,484
Cornerstar Metro District	\$ 34,778,558	0.000	\$ -	41.415	\$ 1,440,354	0.000	\$ -	0.000	\$ -	33.769	\$ 228,876
Cornerstar Metro District Bonds Only	\$ 6,777,687	0.000	\$ -	1.013	\$ 6,866	0.000	\$ -	0.000	\$ -	28.657	\$ 35,203
Cobblewood General	\$ -	0.000	\$ -	32.756	\$ 222,010	0.000	\$ -	0.000	\$ -	0.000	\$ -
Improvement District	\$ 1,228,410	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Colfax Sable Metro District	\$ 1,149,157	20.000	\$ 22,983	51.000	\$ 58,607	0.000	\$ -	0.000	\$ -	71.000	\$ 81,590
Columbia Metro District	\$ 76,849,886	2.000	\$ 153,700	0.000	\$ -	0.000	\$ -	0.000	\$ -	2.000	\$ 153,700
Copperleaf Metropolitan Dist No 1	\$ 26	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Copperleaf Metropolitan Dist No 2	\$ 54,406,720	1.000	\$ 54,407	30.644	\$ 1,667,240	0.000	\$ -	0.000	\$ -	31.644	\$ 1,721,646
Copperleaf Metropolitan Dist No 3	\$ 15,447,186	2.050	\$ 31,667	46.070	\$ 711,652	0.000	\$ -	0.000	\$ -	59.279	\$ 915,694
Copperleaf Metropolitan Dist No 4	\$ 13,827,767	0.000	\$ -	11.159	\$ 172,375	0.000	\$ -	0.000	\$ -	52.000	\$ 719,044
Copperleaf Metropolitan Dist No 5	\$ 26	2.000	\$ 27,656	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Copperleaf Metropolitan Dist No 6	\$ 14,704,038	55.000	\$ 1	50.000	\$ 691,388	0.000	\$ -	0.000	\$ -	55.000	\$ 1
Copperleaf Metropolitan Dist No 7	\$ 26	2.000	\$ 29,408	0.000	\$ -	0.000	\$ -	0.000	\$ -	59.216	\$ 870,714
Copperleaf Metropolitan Dist No 8	\$ 26	60.000	\$ 2	6.354	\$ 93,429	0.000	\$ -	0.000	\$ -	60.000	\$ 2
Copperleaf Metropolitan Dist No 9	\$ 26	60.000	\$ 2	0.000	\$ -	0.000	\$ -	0.000	\$ -	60.000	\$ 2

CITY/TOWN NAME	Nearest Ten Dollars	ASSESSED VALUATION		(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Copperleaf Metropolitan Dist No 9	\$ 9,702	(1)	10.000 \$ 97	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	65.664 \$ 637		
Columbine Water & Sanitation District	\$ 59,789,523	(1)	2.564 \$ 153,300	(3)	0.249 \$ 14,888	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	2.813 \$ 168,188		
Comanche Crossing Metro District	\$ 411,494	(1)	38.318 \$ 15,768	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	38.318 \$ 15,768		
Commons at East Creek Metro District	\$ 1,333,809	(1)	30.000 \$ 40,014	(3)	1.143 \$ 1,525	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	88.326 \$ 117,810		
Conservatory Metro District	\$ 45,607,697	(1)	21.000 \$ 957,762	(3)	1.141 \$ 52,038	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	47.141 \$ 2,149,992		
Cottonwood Creek Metro District #1	\$ 7,104,501	(1)	45.000 \$ 319,703	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	45.000 \$ 319,703		
Cottonwood Creek Metro District #2	\$ 31	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Cope Conservation District	\$ 63,952	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Cottonwood Creek Metro District #3	\$ 31	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Cottonwood Creek Metro District #4	\$ 31	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Cottonwood Creek Metro District #5	\$ 31	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Country Homes Metro District #A	\$ 9,074,234	(1)	14.650 \$ 132,938	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	14.650 \$ 132,938		
Country Homes Metro District #B	\$ 2,366,210	(1)	5.322 \$ 12,593	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	5.322 \$ 12,593		
Cross Creek Metropolitan District No. 2	\$ 17,695,642	(1)	15.000 \$ 265,435	(3)	1.136 \$ 20,102	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	48.136 \$ 851,797		
Fitzsimons Gateway A URA	\$ 2,886,697	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Fitzsimons Gateway B URA	\$ 820,529	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Creek Metro District #1	\$ 4,721,534	(1)	11.132 \$ 52,560	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	67.941 \$ 320,786		
East Creek Metro District #2	\$ 1,504,609	(1)	10.000 \$ 15,046	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	41.000 \$ 61,889		
Fitzsimons Village Metro District #4	\$ 7,155,791	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Glendale DDA Levy	\$ 3,244,073	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Deer Trail Conservation District	\$ 67,182,072	(1)	7.032 \$ 280,343	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	7.032 \$ 280,343		
Deer Trail Rural Fire Protection District	\$ 39,866,709	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 9	\$ 29,558	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Devonshire Heights Water & Sanitation District	\$ 8,324,122	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern ADCO Metro District	\$ 850,250	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 10	\$ 29,558	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Dove Valley Metro District	\$ 344,690,821	(1)	5.000 \$ 1,723,454	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	13.128 \$ 4,525,101		
Dove Valley Metro District Bonds	\$ 4,078,019	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Arapahoe Metro District	\$ 5,045,158	(1)	9.792 \$ 49,402	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	9.792 \$ 49,402		
Eastern Hills Metropolitan District No. 1	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 2	\$ 1,073,701	(1)	70.000 \$ 75,159	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	70.000 \$ 75,159		
Parklands Village 2 Metro District #4	\$ 283	(1)	57.958 \$ 16	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	57.958 \$ 16		
Eastern Hills Metropolitan District No. 4	\$ 2,119,876	(1)	70.000 \$ 148,391	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	70.000 \$ 148,391		
East Virginia Village Metro District	\$ 1,142,918	(1)	128.000 \$ 146,294	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	128.000 \$ 146,294		
Eagle Bend Metro District	\$ 87,212,291	(1)	4.000 \$ 348,849	(3)	15.394 \$ 1,342,546	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	27.000 \$ 2,354,732		
Eastern Hills Metropolitan District No. 5	\$ 1,151,066	(1)	70.000 \$ 80,575	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	70.000 \$ 80,575		
Eastern Hills Metropolitan District No. 6	\$ 3,446,507	(1)	70.000 \$ 241,255	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	70.000 \$ 241,255		
Eastern Hills Metropolitan District No. 7	\$ 18,027	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 8	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 11	\$ 29,558	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Eastern Hills Metropolitan District No. 12	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Cherry Creek Valley Water & San District	\$ 837,926,294	(1)	4.968 \$ 4,162,818	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	4.882 \$ 4,090,756		
East Cherry Creek Valley (Water Only)	\$ 4,882,543	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Cherry Valley W & San District Bonds	\$ 109,209,754	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Quincy Highlands Metropolitan District	\$ 13,740,806	(1)	1.400 \$ 19,237	(3)	15.000 \$ 206,112	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	16.400 \$ 225,349		
Eastern Hills Metropolitan District No. 13	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Smoky Hill Metro District #1	\$ 16,745,218	(1)	12.000 \$ 200,943	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	25.500 \$ 427,003		
East Smoky Hill Metro District #2	\$ 68,583,644	(1)	4.000 \$ 274,335	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	16.500 \$ 1,131,630		
Eastern Hills Metropolitan District No. 14	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
East Valley Metro District	\$ 5,571,426	(1)	8.079 \$ 45,012	(3)	0.000 \$ -	(5)	0.002 \$ 11	(7)	0.000 \$ -	(9)	15.901 \$ 88,591		
Estancia Metro District	\$ 5,556,597	(1)	9.108 \$ 50,609	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	56.928 \$ 316,326		
Eastern Hills Metropolitan District No. 15	\$ 1,005	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Englewood Ironworks TIF Dist	\$ 8,683,319	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Fiddler's Green Business Impv District	\$ 37,511,229	(1)	10.000 \$ 375,112	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	73.000 \$ 2,738,320		
Fitzsimons Urban Renewal Tax Increment	\$ 14,096,667	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		
Glendale DDA TIF	\$ 3,244,673	(1)	0.000 \$ -	(3)	0.000 \$ -	(5)	0.000 \$ -	(7)	0.000 \$ -	(9)	0.000 \$ -		

CITY/TOWN NAME	Assessed Valuation Nearest Ten Dollars	(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
Eastern Hills		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Metropolitan District No. 16	\$ 1,005	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$		0.000 \$		0.000 \$
Eastern Hills		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Metropolitan District No. 17	\$ 1,005	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$		0.000 \$		0.000 \$
Eastern Hills		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Metropolitan District No. 18	\$ 1,005	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$		0.000 \$		0.000 \$
Eastern Hills		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Metropolitan District No. 19	\$ 1,005	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$		0.000 \$		0.000 \$
Eastern Hills		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Metropolitan District No. 20	\$ 1,005	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$		0.000 \$		0.000 \$
Eagle's Nest Metro District	\$ 9,397,811	(1)	33.000 \$	310,128 (3)	1.000 \$	9,398 (5)	0.000 \$	(7)	0.000 \$		41.000 \$ 385,310
		(2)	\$ -	(4)	7.000 \$	65,785 (6)	0.000 \$				
Flat Rock Metro District #1	\$ 145	(1)	57.958 \$	8 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 8
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Flat Rock Metro District #2	\$ 145	(1)	57.958 \$	8 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 8
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Foxridge General Improvement District	\$ 35,951,490	(1)	2.151 \$	77,332 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		5.775 \$ 207,620
		(2)	-0.025 \$	(899) (4)	3.649 \$	131,187 (6)	0.000 \$				
Fitzsimons Village Metro District No. 1	\$ 4,857,846	(1)	10.000 \$	48,578 (3)	1.000 \$	4,858 (5)	0.000 \$	(7)	0.000 \$		61.000 \$ 296,329
		(2)	\$ -	(4)	50.000 \$	242,892 (6)	0.000 \$				
Fitzsimons Village Metro District No. 2	\$ 6,143,673	(1)	10.000 \$	61,437 (3)	36.000 \$	271,172 (5)	0.000 \$	(7)	0.000 \$		46.000 \$ 282,609
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Fitzsimons Village Metro District No. 3	\$ 1,939,300	(1)	10.000 \$	19,393 (3)	1.000 \$	1,939 (5)	0.000 \$	(7)	0.000 \$		46.000 \$ 89,208
		(2)	\$ -	(4)	35.000 \$	67,876 (6)	0.000 \$				
Forest Trace Metro District #1	\$ 6,291,941	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Forest Trace Metro District #2	\$ 9,177,097	(1)	4.000 \$	36,708 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		4.000 \$ 36,708
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Forest Trace Metro District #3	\$ 15,465,893	(1)	2.000 \$	30,932 (3)	1.058 \$	16,363 (5)	0.000 \$	(7)	0.000 \$		55.972 \$ 865,657
		(2)	\$ -	(4)	52.914 \$	818,362 (6)	0.000 \$				
Flat Rock Metro District #3	\$ 145	(1)	57.958 \$	8 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 8
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Flat Rock Metro District #4	\$ 8,744	(1)	57.958 \$	507 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 507
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Parklands Village 2 Metro District #1	\$ 1,333	(1)	57.958 \$	77 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 77
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Galleria Metro District	\$ 1,378,841	(1)	2.000 \$	2,758 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		42.000 \$ 57,911
		(2)	\$ -	(4)	40.000 \$	55,154 (6)	0.000 \$				
Galleria Metro Bonds District Only	\$ 13,738,065	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		40.000 \$ 549,523
		(2)	\$ -	(4)	40.000 \$	549,523 (6)	0.000 \$				
Parklands Village 2 Metro District #2	\$ 36	(1)	57.958 \$	2 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 2
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Parklands Village 2 Metro District #3	\$ 36	(1)	57.958 \$	2 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		57.958 \$ 2
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Glendale		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Urban Renewal Authority	\$ 53,195,242	(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Greenwood		(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
Athletic Club Metro Dist	\$ 29,439	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Greenwood Metro District Bonds	\$ 1,876,379	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		4.500 \$ 707,009
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Havana Business Improvement District	\$ 157,113,141	(1)	4.500 \$	707,009 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		43.000 \$ 382,583
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Goldsmith Metro District Bldg Subarea	\$ 8,897,285	(1)	1.000 \$	8,897 (3)	42.000 \$	373,686 (5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Goldsmith Metro District Debt Only	\$ 58,868,307	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Goldsmith		(1)	1.500 \$	417,492 (3)	0.000 \$	(5)	0.025 \$	6,958 (7)	0.000 \$		1.525 \$ 424,450
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Gulch Sanitation District	\$ 278,328,024	(1)	6.819 \$	1,830,282 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		7.500 \$ 2,013,068
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Goldsmith Metro District	\$ 268,409,093	(1)	22.250 \$	1,404,278 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		22.250 \$ 1,404,278
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Goodman Metropolitan District	\$ 63,113,596	(1)	7.050 \$	379,183 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		7.050 \$ 379,183
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Greenwood North Metro District	\$ 53,784,759	(1)	0.010 \$	3,862 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.010 \$ 3,862
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Greenwood Consolidated Metro District South	\$ 386,211,323	(1)	4.000 \$	409,719 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		4.000 \$ 409,719
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Greenwood Consolidated Metro District North	\$ 102,429,796	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
GreenwoodSouth Metro Debt Only	\$ 20,361,425	(1)	4.227 \$	663,016 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		4.227 \$ 663,016
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Havana Water & Sanitation District	\$ 156,852,670	(1)	2.505 \$	25,892 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		2.459 \$ 25,417
		(2)	-0.046 \$	(475) (4)	0.000 \$	(6)	0.000 \$				
Hi-Lin Water & Sanitation District	\$ 10,336,304	(1)	5.814 \$	228,613 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		12.839 \$ 504,844
		(2)	\$ -	(4)	7.025 \$	276,231 (6)	0.000 \$				
Heritage Greens Metro District	\$ 39,321,144	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Grand Ave Metropolitan District	\$ 607,778	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		11.105 \$ 503,744
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Heather Gardens Metro District	\$ 45,361,937	(1)	26.000 \$	1,209,674 (3)	1.133 \$	52,714 (5)	0.000 \$	(7)	0.000 \$		57.133 \$ 2,658,166
		(2)	\$ -	(4)	30.000 \$	1,395,778 (6)	0.000 \$				
Blackstone Metro District	\$ 46,525,922	(1)	14.500 \$	329,368 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		32.500 \$ 738,238
		(2)	\$ -	(4)	18.000 \$	408,870 (6)	0.000 \$				
Heather Ridge Metro District #1	\$ 22,715,026	(1)	1.500 \$	21,314 (3)	12.000 \$	170,510 (5)	0.000 \$	(7)	0.000 \$		13.500 \$ 191,824
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Highline Business Improvement District	\$ 14,209,175	(1)	8.790 \$	546,324 (3)	0.000 \$	(5)	0.596 \$	37,043 (7)	0.000 \$		9.386 \$ 583,367
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Highland Park Metro District	\$ 62,152,856	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Hillcrest Water & Sanitation District	\$ 26,253,671	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #1	\$ 10,435	(1)	11.275 \$	90,870 (3)	1.065 \$	8,583 (5)	0.000 \$	(7)	0.000 \$		65.595 \$ 528,656
		(2)	\$ -	(4)	53.255 \$	429,203 (6)	0.000 \$				
Horizon Metro District #2	\$ 8,059,396	(1)	11.696 \$	12,639 (3)	31.168 \$	33,680 (5)	0.000 \$	(7)	0.000 \$		42.864 \$ 46,319
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #3	\$ 1,080,596	(1)	40.000 \$	4,377 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		40.000 \$ 4,377
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #4	\$ 109,413	(1)	5.730 \$	126,846 (3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		10.530 \$ 233,104
		(2)	\$ -	(4)	4.800 \$	106,258 (6)	0.000 \$				
Hills At Cherry Creek Metro Dist.	\$ 22,137,120	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #5	\$ 10,433	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #6	\$ 10,433	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #7	\$ 10,433	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #8	\$ 10,433	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Horizon Metro District #9	\$ 10,433	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$
		(2)	\$ -	(4)	0.000 \$	(6)	0.000 \$				
Inverness Water & Sanitation Bonds Only District	\$ 27,994,860	(1)	0.000 \$	(3)	0.000 \$	(5)	0.000 \$	(7)	0.000 \$		0.000 \$

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
Inverness Metro		(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
Improvement District Bonds Only	\$ 27,994,860	(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	0.000	\$ -
Horizon Metro District #10	\$ 10,433	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Prairie Point Metro District #3	\$ 829	(1) 82.776	\$ 69	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	82.776	\$ 69
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Prairie Point Metro District #1	\$ 8,012	(1) 82.776	\$ 663	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	82.776	\$ 663
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Prairie Point Metro District #2	\$ 23,688	(1) 82.776	\$ 1,961	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	82.776	\$ 1,961
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness North Metro District	\$ 27,994,860	(1) 15.000	\$ 419,923	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	15.000	\$ 419,923
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Sanitation District	\$ 12,369,233	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Water District Bonds	\$ 12,336,153	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Holly Hills Water & Sanitation District	\$ 29,655,632	(1) 2.716	\$ 80,545	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	2.716	\$ 80,545
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Water & Sanitation District	\$ 230,630,336	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 4.500	\$ 1,037,837	(6) 0.000	\$ -	-	-	4.500	\$ 1,037,837
Inverness Metroimprovement District	\$ 240,059,435	(1) 4.500	\$ 1,080,267	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	4.500	\$ 1,080,267
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Kent Place Metro District #1	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Kent Place Metro District #2	\$ 3,968,200	(1) 10.250	\$ 40,674	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	10.250	\$ 40,674
		(2) -	\$ -	(4) 37.000	\$ 146,823	(6) 0.000	\$ -	-	-	37.000	\$ 146,823
Horizon Uptown		(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
Urban Renewal Authority	\$ 12,910,468	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Liberty Hill Metro District	\$ 13,231,745	(1) 5.835	\$ 77,207	(3) 1.829	\$ 24,201	(5) 0.000	\$ -	(7) 0.000	\$ -	7.664	\$ 101,408
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Gardens On Havana Metro Dist #1	\$ 2,090	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Gardens On Havana Metro Dist #2	\$ 25,442,792	(1) 0.000	\$ -	(3) 25.000	\$ 636,070	(5) 0.687	\$ 17,479	(7) 0.000	\$ -	25.687	\$ 653,549
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Gardens On Havana Metro Dist #3	\$ 4,164,188	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 40.754	\$ 169,707	(6) 0.000	\$ -	-	-	40.754	\$ 169,707
Iliff Commons Metro District #2	\$ 4,387,054	(1) 5.628	\$ 24,690	(3) 37.039	\$ 162,492	(5) 0.000	\$ -	(7) 0.000	\$ -	63.085	\$ 276,757
		(2) -	\$ -	(4) 20.418	\$ 89,575	(6) 0.000	\$ -	-	-	-	\$ -
Iliff Commons Metro District #3	\$ 2,602,619	(1) 11.428	\$ 29,743	(3) 1.142	\$ 2,972	(5) 0.000	\$ -	(7) 0.000	\$ -	57.070	\$ 148,531
		(2) -	\$ -	(4) 44.500	\$ 115,817	(6) 0.000	\$ -	-	-	-	\$ -
Liverpool Metro District	\$ 29,755,276	(1) 17.579	\$ 523,068	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	28.279	\$ 841,449
		(2) -	\$ -	(4) 10.700	\$ 318,381	(6) 0.000	\$ -	-	-	-	\$ -
Iliff Station URA TIF Area 1	\$ 6,766,859	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Iliff Station URA TIF Area 2	\$ 11,268,434	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Water & Sanitation Bonds Fairfield	\$ 4,077,697	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Metro Improvement Dist Bonds Fairfield	\$ 4,077,697	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Fitzsimons URA II TIF Area 1	\$ 4,857,553	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Fitzsimons URA II TIF Area 2	\$ 1,939,017	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Fitzsimons URA II TIF Area 3	\$ 7,155,791	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Fitzsimons URA II TIF Area 4	\$ 10,472,656	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Havana North URA RIF Area 2	\$ 2,740,609	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Gardens at East Iliff Metro District	\$ 2,615,808	(1) 16.000	\$ 41,853	(3) 1.144	\$ 2,992	(5) 0.000	\$ -	(7) 0.000	\$ -	74.389	\$ 194,587
		(2) -	\$ -	(4) 57.245	\$ 149,742	(6) 0.000	\$ -	-	-	-	\$ -
Harrison Oaks Metro District	\$ 3,622,812	(1) 6.000	\$ 21,737	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	6.000	\$ 21,737
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Iron Works Village Metro District	\$ 4,110,934	(1) 16.000	\$ 65,775	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	59.000	\$ 242,545
		(2) -	\$ -	(4) 43.000	\$ 176,770	(6) 0.000	\$ -	-	-	-	\$ -
Highline Crossing Metro District	\$ 2,759,220	(1) 18.000	\$ 49,666	(3) 1.146	\$ 3,162	(5) 0.000	\$ -	(7) 0.000	\$ -	76.412	\$ 210,838
		(2) -	\$ -	(4) 57.266	\$ 158,009	(6) 0.000	\$ -	-	-	-	\$ -
Littleton Village Metro District No 1	\$ 145	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Littleton Village Metro District #2	\$ 20,573,280	(1) 11.525	\$ 237,107	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	57.630	\$ 1,185,638
		(2) -	\$ -	(4) 46.105	\$ 948,531	(6) 0.000	\$ -	-	-	-	\$ -
Littleton Village Metro District #3	\$ 3,935,053	(1) 10.067	\$ 39,614	(3) 40.270	\$ 158,465	(5) 0.000	\$ -	(7) 0.000	\$ -	50.337	\$ 198,079
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Iliff Avenue Metro District	\$ 2,079,618	(1) 11.133	\$ 23,152	(3) 55.664	\$ 115,760	(5) 0.000	\$ -	(7) 0.000	\$ -	66.797	\$ 138,912
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Kiowa Conservation District	\$ 769,480	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness W&S Bonds VIII Apts	\$ 7,601,765	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Met Imp Bonds VIII Apts	\$ 7,601,615	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness W&S Bonds AMLI #2	\$ 5,424,701	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Met Imp Bonds AMLI #2	\$ 5,424,701	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness W&S Bonds Golf Villas	\$ 1,539,480	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Inverness Met Imp Bonds Golf Villas	\$ 1,539,480	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Englewood DDA	\$ 171,724,135	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Buckley Metro District #1	\$ 25,107	(1) 12.000	\$ 301	(3) 36.000	\$ 904	(5) 0.000	\$ -	(7) 0.000	\$ -	48.000	\$ 1,205
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Buckley Metro District #2	\$ 678,056	(1) 12.000	\$ 8,137	(3) 1.000	\$ 678	(5) 0.000	\$ -	(7) 0.000	\$ -	48.000	\$ 32,547
		(2) -	\$ -	(4) 35.000	\$ 23,732	(6) 0.000	\$ -	-	-	-	\$ -
Buckley Metro District #3	\$ 903,047	(1) 21.155	\$ 19,104	(3) 51.000	\$ 46,055	(5) 0.000	\$ -	(7) 0.000	\$ -	72.155	\$ 65,159
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Buckley Metro District #4	\$ 205,196	(1) 12.000	\$ 2,462	(3) 36.000	\$ 7,387	(5) 0.000	\$ -	(7) 0.000	\$ -	48.000	\$ 9,849
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Santa Fe Park Metro District #1	\$ 76,241	(1) 41.855	\$ 3,191	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	41.855	\$ 3,191
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Santa Fe Park Metro District #2	\$ 118,745	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Santa Fe Park Metro District #3	\$ 76,241	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -	(6) 0.000	\$ -	-	-	-	\$ -
Santa Fe Park Metro District #4	\$ 84,818	(1) 0.000	\$ -	(3) 0.000	\$ -	(5) 0.000	\$ -	(7) 0.000	\$ -	0.000	\$ -
		(2) -	\$ -	(4) 0.000	\$ -						

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating		(2) Temp Tax Credit		(3) Contractual Obligations		(4) Bond Redemptions		(5) - Refunds/Abatements		(6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Copperleaf Metro District #3 Bond	\$ 26	0.000	\$ -	0.000	\$ -	57.229	\$ 1	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	57.229	\$ 1
Copperleaf Metro District #4 Bond	\$ 26	0.000	\$ -	0.000	\$ -	50.000	\$ 1	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	50.000	\$ 1
Buckley Yard Metropolitan District No 2 (subdistrict)	\$ 370,367	0.000	\$ -	28.497	\$ 10,554	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	28.497	\$ 10,554
Englewood DDA	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Wellness District	\$ 94,569,618	0.945	\$ 12,866	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.945	\$ 12,866
Lost Creek Ground Water Man District	\$ 13,615,028	25.000	\$ 1,364	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	25.000	\$ 1,364
Rangview Metropolitan District	\$ 54,549	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Plaza 1 URA	\$ 5,880,668	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Plaza 2 URA	\$ 88,015	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Plaza 3 URA	\$ 148,780	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Meadow Hills Country Club Gld	\$ 1,433,580	4.538	\$ 6,506	0.000	\$ -	26.350	\$ 37,775	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	30.888	\$ 44,280
Plaza 4 URA	\$ 390	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Mansfield Heights Water & Sanitation District	\$ 18,462,760	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Marin Metro District	\$ 1,878,158	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Mjc Metro District	\$ 15,865	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Murphy Creek Metro District #4 Bonds Only	\$ 1,866	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Murphy Creek Metro District #2 Bonds	\$ 198	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Murphy Creek Metro Dist No. 1	\$ 198	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Murphy Creek Metro Dist No. 2	\$ 1,820,619	0.000	\$ -	11.002	\$ 20,030	50.015	\$ 91,058	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	61.017	\$ 111,089
Murphy Creek Metro Dist No. 3	\$ 38,001,393	10.945	\$ 118	0.000	\$ -	54.327	\$ 2,064,502	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	54.327	\$ 2,064,502
Murphy Creek Metro Dist No. 4	\$ 10,796	15.000	\$ 60,007	0.000	\$ -	1.094	\$ 12	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	67.495	\$ 729
Normandy Estates Metro Recreation & Park District	\$ 4,000,447	0.000	\$ -	0.000	\$ -	55.456	\$ 599	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	15.000	\$ 60,007
Tallgrass Metropolitan District Bonds Only	\$ 3,269,521	2.000	\$ 53,599	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	32.500	\$ 106,259
Tallgrass Metropolitan District	\$ 26,799,513	0.023	\$ 2,895	0.000	\$ -	32.500	\$ 870,984	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	34.500	\$ 924,583
North Kiowa Bijou Ground Water Management	\$ 125,867,071	5.000	\$ 6,946	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.023	\$ 2,895
Oak Park Metro Dist	\$ 1,389,284	10.984	\$ 31	0.000	\$ -	33.348	\$ 46,330	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	38.348	\$ 53,276
Murphy Creek Metro District #5	\$ 2,781	13.000	\$ 5,781	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Parkside at City Center Metro District	\$ 444,660	13.000	\$ 61,930	0.000	\$ -	1.098	\$ 3	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	67.006	\$ 186
Parkside At City Centre BID	\$ 4,763,878	0.000	\$ -	0.000	\$ -	54.924	\$ 153	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	13.000	\$ 5,781
Orchard Hills Metro Recreation & Park District	\$ 14,587,620	2.065	\$ 30,123	0.000	\$ -	1.000	\$ 4,764	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Pioneer Business Metro District	\$ 1,291,999	0.291	\$ 4,245	0.000	\$ -	50.000	\$ 238,194	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Orchard Valley Metro District	\$ 68,161,595	20.000	\$ 25,840	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Parker Jordan Metropolitan District Bonds Only	\$ 44,707,095	3.089	\$ 210,551	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Panorama Metro District Bonds Only	\$ 13,976,973	0.000	\$ -	11.000	\$ 749,778	1.280	\$ 57,225	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Panorama Metro District	\$ 103,685,600	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Parker Jordan Metro District	\$ 106,659,608	5.000	\$ 518,428	0.000	\$ -	6.700	\$ 93,646	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Peoria Park Gld	\$ 6,956,214	4.000	\$ 426,638	0.000	\$ -	6.700	\$ 694,694	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Pier Point 7 Gld	\$ 8,605,252	0.828	\$ 5,760	0.000	\$ -	1.280	\$ 136,524	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Piney Creek Village Metro Dist	\$ 10,110,162	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Pioneer Hills Metro District	\$ 8,828,619	0.000	\$ -	0.000	\$ -	4.150	\$ 28,868	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Metro District #1	\$ 256,063	0.000	\$ -	24.285	\$ 208,979	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Metro District #2	\$ 3,540	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Metro District #3	\$ 74,382	70.000	\$ 5,207	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Platte Canyon Water & Sanitation District	\$ 60,309,822	7.104	\$ 428,441	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Riverwalk Metropolitan District No 1	\$ 725	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Riverwalk Metropolitan District No 2	\$ 232,097	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Riverwalk Metropolitan District No 3	\$ 1,450	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Polo Reserve Metropolitan District	\$ 7,040,204	11.079	\$ 77,998	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Metro District #4	\$ 12,023,571	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Coordinating Metro District	\$ 36	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Regional Transportation District	\$ 12,707,999,019	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Sable Altura Fire Protection District	\$ 30,906,100	11.638	\$ 359,685	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Sable Altura Fire Bonds	\$ 158,352,283	0.000	\$ -	0.000	\$ -	1.000	\$ 30,906	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Water & Sanitation Financing Metro District	\$ 12,481,597	20.000	\$ 249,632	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Prosper Park & rec Financing Metro District	\$ 12,481,597	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Saddle Rock Metropolitan District	\$ 31,351,612	21.000	\$ 658,384	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Saddle Rock South Metro District #2	\$ 23,432,707	14.000	\$ 80,098	0.000	\$ -	1.007	\$ 31,571	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
		0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -

CITY/TOWN NAME	Nearest Ten Dollars	ASSESSED VALUATION		(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
Saddle Rock South Metro District #3	\$ 21,787,520	(1)	14.000	\$ 305,025	(3)	11.000	\$ 239,663	(5)	0.000	(7)	0.000	\$ 25.000	\$ 544,688
Saddle Rock South Metro District #4	\$ 43,952,181	(2)	14.000	\$ 615,331	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 1,098,805
Prosper Water & San Service Metro District	\$ 17	(1)	0.000	\$ -	(3)	0.000	\$ 483,474	(5)	0.000	(7)	0.000	\$ -	\$ -
Powhatan Road Metro District No 1	\$ 535	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Powhatan Road Metro District No 2	\$ 15,777,975	(1)	18.000	\$ 284,004	(3)	43.132	\$ 680,536	(5)	0.000	(7)	0.000	\$ 61.132	\$ 964,539
Powhatan Road Metro District No 3	\$ 10,667,229	(2)	18.000	\$ 192,010	(4)	0.000	\$ 544,029	(6)	0.000	(7)	0.000	\$ -	\$ 736,039
Promghorn Valley Metro District	\$ 5,990,539	(1)	11.119	\$ 66,609	(3)	1.111	\$ 6,655	(5)	0.000	(7)	0.000	\$ -	\$ 406,314
River Park Metro District	\$ 50,276	(2)	50.000	\$ 2,514	(4)	55.596	\$ 333,050	(6)	0.000	(7)	0.000	\$ -	\$ 2,514
Serenity Ridge Metro Dist. #1	\$ 834,046	(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	(7)	0.000	\$ -	\$ -
Serenity Ridge Metro Dist. #2	\$ 28,101,752	(2)	4.549	\$ 127,835	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 1,319,714
Platte Canyon TH Metro District	\$ 310,418	(1)	0.000	\$ -	(3)	0.000	\$ 1,181,510	(5)	0.369	(7)	0.000	\$ -	\$ -
Inova Aero Metro District	\$ 1,736,114	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sheridan Sanitation District #1	\$ 5,084,232	(1)	0.734	\$ 3,732	(3)	0.000	\$ -	(5)	0.000	(7)	0.000	\$ -	\$ 3,732
SenacSouth Metro District #1	\$ 6,671	(2)	12.205	\$ 81	(4)	0.000	\$ 8	(6)	0.000	(7)	0.000	\$ -	\$ 497
SenacSouth Metro District #2	\$ 725	(2)	0.000	\$ -	(4)	61.027	\$ 407	(6)	0.000	(7)	0.000	\$ -	\$ -
SenacSouth Metro District #3	\$ 725	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
SenacSouth Metro District #4	\$ 725	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Prosper Metro District #5	\$ 42	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Prosper Metro District #6	\$ 42	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Prosper Metro District #7	\$ 42	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Prosper Metro District #8	\$ 42	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Prosper Metro District #9	\$ 42	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sheridan Sanitation District #2	\$ 98,068,429	(2)	0.555	\$ 54,428	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 47,269
Propser Metro District #10	\$ 42	(1)	-0.073	\$ (7,159)	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sheridan Urban Renewal Plan	\$ 43,130,901	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sky Ranch Metropolitan District No. 6	\$ 27	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sky Ranch Metropolitan District No. 7	\$ 27	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sky Ranch Metropolitan District No. 8	\$ 27	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Sky Ranch Metro District #1	\$ 14,162,424	(2)	11.321	\$ 160,333	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 961,997
Sky Ranch Metro District #3	\$ 5,794,679	(1)	11.132	\$ 64,506	(4)	56.605	\$ 801,664	(6)	0.000	(7)	0.000	\$ -	\$ 708,197
Sky Ranch Metro District #4	\$ 27	(2)	0.000	\$ -	(4)	55.666	\$ 322,567	(6)	0.000	(7)	0.000	\$ -	\$ -
Sky Ranch Metro District #5	\$ 1,599,159	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 195,555
Jones Metro District #1	\$ 145	(2)	66.869	\$ 106,934	(4)	55.417	\$ 88,621	(6)	0.000	(7)	0.000	\$ -	\$ 3
Jones Metro District #2	\$ 654,671	(1)	0.000	\$ -	(4)	0.000	\$ 3	(6)	0.000	(7)	0.000	\$ -	\$ 16,367
Jones Metro District #3	\$ 145	(2)	5.000	\$ 3,273	(4)	20.000	\$ 13,093	(6)	0.000	(7)	0.000	\$ -	\$ 3
Jones Metro District #4	\$ 145	(1)	0.000	\$ -	(4)	0.000	\$ 3	(6)	0.000	(7)	0.000	\$ -	\$ 3
Jones Metro District #5	\$ 145	(2)	0.000	\$ -	(4)	0.000	\$ 3	(6)	0.000	(7)	0.000	\$ -	\$ 3
Skyline Fire Protection District	\$ 39,941,436	(1)	11.000	\$ 439,356	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 399,414
SLC Metro District #1	\$ 116	(2)	-1.000	\$ (39,941)	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 2
SLC Metro District #2	\$ 12,395,850	(1)	15.090	\$ 187,053	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 187,053
SLC Metro District #3	\$ 39,246,390	(2)	15.090	\$ 592,228	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 592,228
SLC Metro District #4	\$ 713,915	(1)	15.090	\$ 10,773	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 10,773
Smoky Hill Metro District	\$ 38,488,464	(2)	21.058	\$ 810,490	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 810,490
Sorrel Ranch Metropolitan District	\$ 23,435,223	(1)	6.000	\$ 140,611	(4)	1.144	\$ 26,810	(6)	0.000	(7)	0.000	\$ -	\$ 1,163,418
South Arapahoe Sanitation District	\$ 555,169,508	(2)	0.000	\$ -	(4)	42.500	\$ 995,997	(6)	0.000	(7)	0.000	\$ -	\$ -
Southgate Sanitation District	\$ 759,951,203	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Southgate Public Improvement Metro Dist.	\$ 1,652,451,890	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 3,304,904
Southgate Metro Improvement Dist Bonds Only	\$ 3,035,304	(1)	2.000	\$ 3,304,904	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Southgate Sanitation District #1	\$ 316,381,483	(2)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Southglenn Metro District	\$ 44,835,661	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 2,690,140
Southern Metro District (A)	\$ 57,805,211	(2)	12.000	\$ 538,028	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 202,318
Southgate Sanitation District	\$ 1,568,344,954	(1)	3.500	\$ 202,318	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 729,280
Southgate At Centennial Metropolitan District	\$ 78,464,599	(2)	0.465	\$ 729,280	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 62,772
Southgate Water District	\$ 1,470,002,899	(1)	1.000	\$ 78,465	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ -
Southlands Metro District #1	\$ 75,591,080	(2)	-0.200	\$ (15,693)	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 3,174,825
Southlands Metropolitan District No 2	\$ 13,674,434	(1)	0.000	\$ -	(4)	0.000	\$ -	(6)	0.000	(7)	0.000	\$ -	\$ 1,084,301

CITY/TOWN NAME	Nearest Ten Dollars	ASSESSED VALUATION		(1) General Operating (2) Temp Tax Credit		(3) Contractual Obligations (4) Bond Redemptions (Levies approved at election)		(5) - Refunds/Abatements (6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Southshore		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Metropolitan District No 1	\$ 12,037	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			
Southshore		(1)	34.626	\$ 2,619,764	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 59,626
Metropolitan District No 2	\$ 75,658,875	(2)		\$ -	(4)	25.000	\$ 1,891,472	(6)	0.000	\$ -			\$ 4,511,236
Southlands Metro		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 32,000
District #1 Bonds	\$ 3,129,799	(2)		\$ -	(4)	32.000	\$ 100,154	(6)	0.000	\$ -			\$ 100,154
S Suburban Rec/Park		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Bonds Greenwood Village	\$ 263,863,692	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
S Suburban Rec/Park		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Bonds Cherry Hills	\$ 389,575,819	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
S Suburban Park/Rec District		(1)	7.417	\$ 21,160,622	(3)	0.000	\$ -	(5)	0.038	\$ 108,414	(7)	0.000	\$ 8,426
Southwest Metro	\$ 2,852,989,402	(2)		\$ -	(4)	0.843	\$ 2,405,070	(6)	0.128	\$ 365,183			\$ 24,039,289
Water & Sanitation District		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
	\$ 95,973,732	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
Powhatan Road Metro District No 4	\$ 145	(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
		(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
Powhatan Road Metro District No 5	\$ 145	(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
		(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
Sterling Hills West Metro District	\$ 29,416,245	(1)	23.000	\$ 676,574	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 51,000
Strasburg		(2)		\$ -	(4)	28.000	\$ 823,655	(6)	0.000	\$ -			\$ 1,500,228
Fire Protection District #8	\$ 33,453,430	(1)	12.614	\$ 421,982	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 12,614
		(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 421,982
Strasburg		(1)	5.010	\$ 124,485	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 5,010
Metro Park & Rec District	\$ 24,847,322	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 124,485
Strasburg		(1)	4.000	\$ 15,204	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 4,000
Sanitation & Water District	\$ 3,800,969	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 15,204
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Powhatan Rd Metro Dist #8	\$ 145	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Powhatan Rd Metro Dist #9	\$ 145	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Powhatan Rd Metro Dist #10	\$ 145	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Powhatan Rd Metro Dist #11	\$ 145	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	6.785	\$ 130,556	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 14,285
Sundance Hills Metro District	\$ 19,241,859	(2)		\$ -	(4)	7.500	\$ 144,314	(6)	0.000	\$ -			\$ 274,870
		(1)	0.410	\$ 59,941	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 59,941
Suburban Metro District	\$ 146,198,531	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	10.500	\$ 230,338	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 10,500
Tallyn'S Reach Metro Dist No. 2	\$ 21,936,946	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 230,338
		(1)	3.750	\$ 250,592	(3)	33.658	\$ 2,249,180	(5)	0.000	\$ -	(7)	0.000	\$ 45,000
Tallyn'S Reach Metro Dist No. 3	\$ 66,824,529	(2)		\$ -	(4)	7.592	\$ 507,332	(6)	0.000	\$ -			\$ 3,007,104
Tollgate Creek Commons		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Metro District #1	\$ 895	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
Tollgate Creek Commons		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Metro District #2	\$ 891	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
The Point		(1)	16.000	\$ 88,268	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 46,000
Metro District	\$ 5,516,739	(2)		\$ -	(4)	30.000	\$ 165,502	(6)	0.000	\$ -			\$ 253,770
Tollgate Crossing		(1)	40.000	\$ 1,661,838	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 52,000
Metro Dist #2	\$ 41,545,953	(2)		\$ -	(4)	12.000	\$ 498,551	(6)	0.000	\$ -			\$ 2,160,390
East Ben Metro District		(1)	15.664	\$ 27,309	(3)	1.000	\$ 1,743	(5)	0.000	\$ -	(7)	0.000	\$ -
Intent to Levy	\$ 1,743,414	(2)		\$ -	(4)	50.000	\$ 87,171	(6)	0.000	\$ -			\$ 66,664
		(1)	6.000	\$ 176,112	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 116,223
Traditions Metro District	\$ 29,351,951	(2)	-3.513	\$ (103,113)	(4)	30.000	\$ 880,559	(6)	0.000	\$ -			\$ 32,487
		(1)	10.000	\$ 27,366	(3)	1.000	\$ 2,737	(5)	0.000	\$ -	(7)	0.000	\$ 953,557
3rd & Havana Metro District	\$ 2,736,614	(2)		\$ -	(4)	50.941	\$ 139,406	(6)	0.000	\$ -			\$ 61,941
		(1)	0.900	\$ 11,795,221	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 169,509
Urban Drainage & Flood Control	\$ 13,105,801,149	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 0.900
Urban Drainage & Flood		(1)	0.100	\$ 1,310,580	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 11,795,221
Control(South Platte)	\$ 13,105,801,149	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 0.100
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 1,310,580
Powhatan Road Metro District No 6	\$ 145	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	40.000	\$ 146,235	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 0.000
Powhatan Road Metro District No 7	\$ 3,655,884	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 40,000
		(1)	5.561	\$ 27,100	(3)	50.052	\$ 243,917	(5)	0.000	\$ -	(7)	0.000	\$ 146,235
Valentia Court Metro District	\$ 4,873,274	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 55,613
		(1)	5.000	\$ 44,661	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 271,017
Valley Club Pointe Metro District	\$ 8,932,244	(2)		\$ -	(4)	25.000	\$ 223,306	(6)	0.000	\$ -			\$ 30,000
Cherry Hills Village Southmoor Circl		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 267,967
& Hudson Pky GID	\$ 1,101,068	(2)		\$ -	(4)	18.100	\$ 19,929	(6)	0.000	\$ -			\$ 18,100
		(1)	2.493	\$ 218,633	(3)	1.123	\$ 98,486	(5)	0.000	\$ -	(7)	0.000	\$ 19,929
Valley Sanitation District	\$ 87,698,869	(2)	-0.751	\$ (65,862)	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 2,865
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 251,257
Harvest Crossing Metro District #1	\$ 45	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Harvest Crossing Metro District #2	\$ 45	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	72.164	\$ 20,909	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 72,164
Vermillion Creek Metro District	\$ 289,745	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 20,909
Marvella		(1)	45.380	\$ 272,135	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Metropolitan District	\$ 5,996,801	(2)		\$ -	(4)	45.335	\$ 271,865	(6)	0.000	\$ -			\$ 90,715
Village Center		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 544,000
Outer Ring Subdistrict	\$ 152,562,223	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	10.000	\$ 37	(3)	1.114	\$ 4	(5)	0.000	\$ -	(7)	0.000	\$ 0.000
Harvest Crossing Metro District #3	\$ 3,707	(2)		\$ -	(4)	55.664	\$ 206	(6)	0.000	\$ -			\$ 66,778
		(1)	10.000	\$ 24	(3)	1.114	\$ 3	(5)	0.000	\$ -	(7)	0.000	\$ 248
Harvest Crossing Metro District #4	\$ 2,379	(2)		\$ -	(4)	55.664	\$ 132	(6)	0.000	\$ -			\$ 159
Walnut Hills General		(1)	3.112	\$ 118,998	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ -
Improvement District	\$ 38,238,306	(2)	-0.484	\$ (18,507)	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 2,628
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 100,490
W Arapahoe Conservation District	\$ 7,982,108,353	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
Whispering		(1)	28.500	\$ 782,312	(3)	1.113	\$ 30,551	(5)	0.000	\$ -	(7)	0.000	\$ 0.000
Pines Metro District #1	\$ 27,449,545	(2)		\$ -	(4)	55.664	\$ 1,527,951	(6)	0.000	\$ -			\$ 85,277
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 2,340,815
Wheatlands Metro Dist #1	\$ 6,780	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ -
		(1)	39.820	\$ 1,830,006	(3)	1.145	\$ 52,621	(5)	0.000	\$ -	(7)	0.000	\$ 0.000
Wheatlands Metropolitan District	\$ 45,956,955	(2)		\$ -	(4)	27.755	\$ 1,275,535	(6)	0.000	\$ -			\$ 68,720
		(1)	10.750	\$ 290,673	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 3,158,162
Willow Trace Metro Dist	\$ 27,039,327	(2)		\$ -	(4)	24.000	\$ 648,944	(6)	0.000	\$ -			\$ 34,750
		(1)	3.843	\$ 1,164,464	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 939,617
Willows Water District	\$ 303,008,998	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 3,843
		(1)	18.538	\$ 209,278	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 1,164,464
Waterstone Metro Dist #1	\$ 11,289,144	(2)		\$ -	(4)	54.523	\$ 615,518	(6)	0.000	\$ -			\$ -
		(1)	0.000	\$ -	(3)	0.000	\$ -	(5)	0.000	\$ -	(7)	0.000	\$ 73,061
Waterstone Metro Dist #2	\$ 44,047	(2)		\$ -	(4)	0.000	\$ -	(6)	0.000	\$ -			\$ 824,796
		(1)	11.132	\$ 98,350	(3)	44.091	\$ 389,540	(5)	0.000	\$ -	(7)	0.000	\$ -
Wild Plum Metro District	\$ 8,834,920	(2)		\$ -	(4)	0							

CITY/TOWN NAME	ASSESSED VALUATION Nearest Ten Dollars	(1) General Operating		(2) Temp Tax Credit		(3) Contractual Obligations		(4) Bond Redemptions		(5) - Refunds/Abatements		(6) - OTHER		(7) Capital Expenditure		TOTAL ALL FUNDS	
		Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)	Levy (Mills)	Revenue (Dollars)
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Walnut Peacemaker Metro District #4	\$ 219	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Walnut Peacemaker Metro District #5	\$ 219	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #1	\$ 1,165,782	70.000	\$ 81,605	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	70.000	\$ 81,605
Watkins Road Holdings Metro District #2	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #3	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #4	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #5	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #6	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #7	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #8	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #9	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #10	\$ 199	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #11	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #12	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #13	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #14	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #15	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #16	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #17	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #18	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #19	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Watkins Road Holdings Metro District #20	\$ 61,115	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Willow Creek 1 & 2	\$ 43,271,835	0.750	\$ 32,454	6.125	\$ 265,040	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	6.875	\$ 297,494
Yale Metropolitan District No. 1	\$ 1,809	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Yale Metropolitan District No. 2	\$ 3,310	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
Yale Metropolitan District No. 3	\$ 1,367	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -	0.000	\$ -
DISTRICTS TOTAL:	\$ 89,256,173.089	\$ 213,928,407	\$ (957,474)	\$ 11,107,695	\$ 67,134,439	\$ 767,434	\$ 684,171	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 292,664,673	\$ -

(A) These Cities and Towns have adopted an ordinance exempting \$10,000 of actual value of personal property.
 (B) These Cities and Towns have adopted an ordinance exempting \$20,000 of actual value of personal property.

BE IT FURTHER RESOLVED that the Board of County Commissioners of Arapahoe County in certifying the mill levies of the above-noted special districts is performing a ministerial and non-discretionary act to comply with the requirements of Sections 39-1-111 and 39-5-128, C.R.S.; that the Board of County Commissioners has no authority to modify the mill levies so certified to it; that the Board of County Commissioners has presumed that the above-noted special districts have complied with the Colorado constitutional and statutory requirements concerning said levies; that the Board of County Commissioners assumes no liability or responsibility associated with any levy of any of the above-noted special districts except for the ministerial, non-discretionary act of certification; and directs the Arapahoe County Finance Director to transmit a copy of the certification to the Assessor, Colorado Property Tax Administrator, the Division of Local Government, and the Department of Education.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-365 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, Sue Sandstrom was first elected by the voters of Arapahoe County to serve as the County Treasurer in 2010; and

WHEREAS, Treasurer Sandstrom was re-elected in 2014 and 2018 to oversee the office responsible for collecting property taxes, investing County funds, and distributing tax revenues to local municipalities, school districts and special districts; and

WHEREAS, she leveraged her business and financial acumen, including 47 years as a Certified Public Accountant, to provide Arapahoe County residents with exceptional service delivery and efficient resource management; and

WHEREAS, during Treasurer Sandstrom's tenure, the office installed a new property valuation and tax administration computer system that saved taxpayers \$800,000 annually; increased transparency by making information easily available to taxpayers; expanded access to online documents and services; seamlessly integrated the public trustee functions within the office; and instituted new tax notice mailings to reduce paper use; and

WHEREAS, as a standing member of the Arapahoe County Retirement Board, Treasurer Sandstrom has been a champion for broadening the tools and knowledge available to employees as they prepare for retirement; and

WHEREAS her investment, retirement, and good government expertise are sought statewide as a board member for the Colorado County Treasurers' and Public Trustees' Association, the Colorado Surplus Asset Fund Trust, four public employee pension plans, and the Colorado Public Plan Coalition, an organization dedicated to the education of public pension plan professionals; and

WHEREAS, Treasurer Sandstrom's extensive legacy of public service is evident throughout the County, and our community is a better place as a result of her leadership; and

WHEREAS, Treasurer Sandstrom will now be able to spend more time with her family, friends, and dog Hank, traveling and going to as many sporting events as she desires.

NOW, THEREFORE BE IT RESOLVED that the Board of Commissioners officially recognize the contributions of Treasurer Sue Sandstrom during her tenure as an Arapahoe County elected official and hereby declares her future shall prosper as Arapahoe County has prospered under her dedication and service.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes;

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-366 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, Commissioner Nancy Jackson was duly elected by the voters of Arapahoe County in November 2010 and re-elected for two consecutive terms; and

WHEREAS, Commissioner Jackson quickly established herself as an advocate for her District 4 constituents and the county as a whole, improving access to behavioral health services, addressing homelessness, encouraging workforce development and advocating for strategies to reform the criminal justice system while maintaining public safety; and

WHEREAS, Commissioner Jackson has served as the Chair of the Board since 2021, navigating Arapahoe County through the second year of the pandemic as well as facilitating community conversations around economic recovery, diversity, equity and inclusion, and budgetary constraints; and

WHEREAS, her career in higher education and as an entrepreneur drove her commitment to deepen workforce development pipelines, offer support to small businesses, and provide career pathways as a board member for both the Arapahoe/Douglas Works! Workforce Development Board and the Colorado Workforce Development Council; and

WHEREAS, Commissioner Jackson's passion and dedication to making behavioral health care more accessible has led to leadership positions within the National Association of Counties, Governor Polis' Safety Net Subcommittee, and Aurora Mental Health Center as well as statewide recognition as the first-ever Local Community Behavioral Health Champion; and

WHEREAS, Commissioner Jackson's expertise in the areas of public safety and criminal justice reform has been evident as a member of Arapahoe County's Justice Coordinating Committee, the Colorado Commission on Juvenile Criminal Justice, Colorado's Sexual Offender Management Board, and Colorado Counties, Inc.; and

WHEREAS, Commissioner Jackson is a well-known convenor, establishing the first countywide homeless committee and the justice coordinating committee's first behavioral health subcommittee, working with interested community leaders to share information and identify collaborative opportunities; and

WHEREAS, during her tenure she was a champion for key county initiatives, such as securing dedicated open space funding in perpetuity, establishing the county's own public health department, obtaining a formal relationship with the Northern Arapaho Tribe, creating employee leadership programs, and supporting data-driven decision-making; and

WHEREAS, during her tenure she served as the commissioner liaison for nearly every county department, supporting the work of staff to meet constituent and business needs with an eye towards fiscal sustainability; and

WHEREAS, Commissioner Jackson's legacy of public service is evident throughout the County and our community is a better place as a result of her leadership

NOW, THEREFORE BE IT RESOLVED that the Board of Commissioners officially recognize the contributions of Commissioner Nancy Jackson during her 12 years as an Arapahoe County elected official and hereby declares her future shall prosper as Arapahoe County has prospered under her dedication and service.

The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

The Chair declared the motion carried and so ordered.

RESOLUTION NO. 22-367 It was moved by Commissioner Baker and duly seconded by Commissioner Holen to adopt the following Resolution:

WHEREAS, Commissioner Nancy Sharpe was duly elected by the voters of Arapahoe County in November 2010 and re-elected for two consecutive terms; and

WHEREAS, Commissioner Sharpe leveraged nearly 20 years of prior local government experience to not only address constituent concerns within District 2 but the county as a whole, advocating for regional infrastructure investments, supporting smart growth and development policies, ensuring adequate investments in human services programs, and encouraging economic development; and

WHEREAS, Commissioner Sharpe served as Chair of the Board four times during her tenure, most recently navigating the uncertainty and changing dynamics of the COVID-19 pandemic in 2020, providing clear leadership and facilitation; and

WHEREAS, Commissioner Sharpe's passion for smart growth and infrastructure planning secured significant federal investments in regional transportation interchange projects and resulted in leadership positions on a variety of boards such as the Mile High Flood District, Arapahoe County Water and Wastewater Authority, Public Airport Authority, Highline Canal Collaborative, and Cherry Creek Basin Water Quality Authority; and

WHEREAS, her commitment to addressing generational poverty led her to serve as the chair of the Colorado Counties, Inc. Health and Human Services Steering Committee, National Association Counties Human Services and Education Steering Committee, and as an governor appointee to the Colorado Executive Leadership Council on Child Welfare, Works Allocation

and Child Welfare Allocation Committees, raising issues of significance and seeking solutions to ensure adequate program funding; and

WHEREAS, with Commissioner Sharpe's leadership, the county's human services department partnered with a nonprofit provider to create the innovative Generational Opportunities to Achieve Long-term Success or GOALS program, which provides bridge housing and wrap-around supportive services to families experiencing homelessness as well as an innovative technology solution (HS Connects) which has streamlined the intake process for counties across Colorado; and

WHEREAS, Commissioner Sharpe has been a steadfast supporter of the intellectual and developmental disabilities community and promoted continued oversight and financial accountability of programs in Arapahoe County funded by the dedicated mill levy; and

WHEREAS, during her tenure she was a champion for key county initiatives, such as securing dedicated open space funding in perpetuity, establishing its own public health department, obtaining a formal relationship with the Northern Arapaho Tribe, creating employee leadership programs, and supporting data-driven decision-making; and

WHEREAS, during her tenure she served as the commissioner liaison for nearly every county department, supporting the work of staff to meet constituent and business needs in a fiscally responsible manner; and

WHEREAS, Commissioner Sharpe's legacy of public service is evident throughout the County and our community is a better place as a result of her leadership

NOW, THEREFORE BE IT RESOLVED that the Board of Commissioners officially recognize the contributions of Commissioner Sharpe during her 12 years as an Arapahoe County elected official and hereby declares her future shall prosper as Arapahoe County has prospered under her dedication and service.

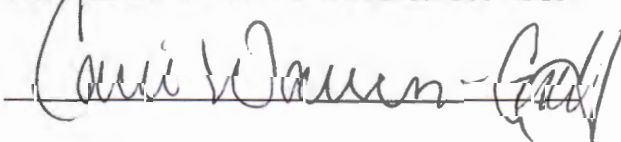
The vote was:

Commissioner Baker, Yes; Commissioner Holen, Yes; Commissioner Jackson, Yes; Commissioner Sharpe, Yes; Commissioner Warren-Gully, Yes.

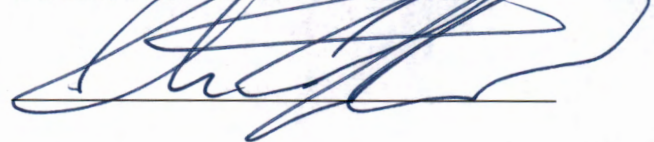
The Chair declared the motion carried and so ordered.

The foregoing Resolutions from the meeting of December 6, 2022 have been reviewed and approved.

BOARD OF COUNTY COMMISSIONERS



COUNTY ATTORNEY'S OFFICE



CLERK TO THE BOARD

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