

October 26, 2010

Mr. Kim B. Headley  
Director of Planning & Development  
Pueblo County  
229 West 12<sup>th</sup> Street  
Pueblo, CO 81003-2810

**Subject: Southern Delivery System (SDS) – ASI Permits for Pueblo Dam Connection and Safety Review Correspondence from Bureau of Reclamation**

Dear Mr. Headley,

On behalf of the SDS Project Participants and pursuant to the Pueblo County 1041 Permit No. 2008-002, Mitigation Appendix Condition C-7, No. 2 - Permitting, we have enclosed copies of permits obtained by our General Contractor for the SDS Project. These include Colorado Department of Public Health and Environment (CDPHE) permits for Construction Dewatering Operations, Stormwater Discharges Associated with Construction Activities, and the transfer of Colorado Springs Utilities Land Development General Permit for air emissions to ASI Constructors, Inc.

Also attached is a copy of correspondence from the Bureau of Reclamation confirming their acceptance of the design construction plans and that they have completed a dam safety review of the planned construction at the River Outlet Works at Buttress 16. This letter meets the condition of Resolution Condition No. 12 of the above mentioned 1041 permit.

If you have any questions regarding this report, please feel free to contact me directly at 719-668-8037, or Keith Riley, Southern Delivery System Planning & Permitting Program Manager, at 719-668-8677.

Sincerely,

John Fredell  
Southern Delivery System Project Director

**Attachments:**

**ASI permits –**

- CDPHE Construction Dewatering Operations
- CDPHE Stormwater Discharges Associated with Construction Activities
- CDPHE Land Development General Permit for air emissions

Bureau of Reclamation letter dated Oct. 15, 2010 to Mr. Steve Duling

**Cc: (without enclosures)**

**Jeff Chostner, Chairman, Pueblo Board of County Commissioners**

**Dan Kogovsek, Attorney, Pueblo County**

**Keith Riley, Southern Delivery System Planning & Permitting Manager, Springs Utilities**

**Allison Mosser, Southern Delivery System Permitting and Compliance, Springs Utilities**

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
Martha E. Rudolph, Executive Director

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

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 892-2000  
TDD Line (303) 891-7700  
Located in Glendale, Colorado

Laboratory Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3080

<http://www.cdphs.state.co.us>



Colorado Department  
of Public Health  
and Environment

August 24, 2010

Pete Dobbs, PM  
A S I Constructors Inc  
1850 E Platteville Blvd  
Pueblo West, CO 81007

**RE: Certification, Colorado Discharge Permit System**  
**Permit No., COR030000, Certification Number: COR03G746**

Dear Mr./Ms. Dobbs;

The Water Quality Control Division (the Division) has reviewed the application submitted for the Southern Delivery System Pueblo Dam Connections facility and determined that it qualifies for coverage under the CDPS General Permit for Stormwater Discharges Associated with Construction Activities (the permit). Enclosed please find a copy of the permit certification, which was issued under the Colorado Water Quality Control Act.

**Facility:** Southern Delivery System Pueblo Dam Connections  
**Construction Activities** Marine Construction in River Channel - office trailer  
staging,

Pueblo County

**Legal Contact** (*receives all legal documentation pertaining to the permit certification*):

Pete Dobbs, PM  
A S I Constructors Inc  
1850 E Platteville Blvd  
Pueblo West, CO 81007

Phone number: 719-647-2821  
Email: PDOBBS@ASICONSTRUCTORS.COM

**Facility Contact** (*contacted for general inquiries regarding the facility*):

Pete Dobbs, PM

Phone number: 719-647-2821  
Email: PDOBBS@ASICONSTRUCTORS.COM

**Billing Contact** (*receives the invoice pertaining to the permit certification*):

Jake Michel Controller  
A S I Constructors Inc  
1850 E Platteville Blvd  
Pueblo West, CO 81007

Phone number: 719-647-2821  
Email:

Any changes to the contacts listed above must be provided to the Division on a Change of Contact form. This form is available on the Division's website at [coloradowaterpermits.com](http://coloradowaterpermits.com).

The Annual Fee for this certification is \$245.00 is invoiced every July. Do Not Pay This Now. The initial prorated invoice will be sent to the legal contact shortly.

Please read the enclosed permit and certification. If you have any questions please contact Matt Czahor, Environmental Protection Specialist, at (303) 692-3575.

Sincerely,

Debbie Jessop, Program Assistant  
WATER QUALITY CONTROL DIVISION  
Enclosures: Certification page; General Permit; Highlight Sheet; Termination form  
xc: Regional Council of Government  
Pueblo County, Local County Health Department  
D.E., Technical Services Unit, WQCD  
Permit File

/dkj cert

# STATE OF COLORADO

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
WATER QUALITY CONTROL DIVISION  
TELEPHONE: (303) 692-3500



**CERTIFICATION TO DISCHARGE  
UNDER  
CDPS GENERAL PERMIT COR-0300000  
STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES**

Certification Number: **COR03G746**

**This Certification to Discharge specifically authorizes:**

**A S I Constructors Inc**

to discharge stormwater from the facility identified as

**Southern Delivery System Pueblo Dam Connections**

**to:**

**- Arkansas River**

**Construction Activities :** Marine Construction in River Channel - office trailer staging,

**Facility Located at:** Juniper Rd and Pueblo Dam Access Rd, Pueblo Pueblo County, CO  
81007  
Latitude 38/16/14, Longitude -104/43/19

**Certification is effective:** 8/24/2010

**Certification Expires:** 6/30/2012

This certification under the permit requires that specific actions be performed at designated times. The certification holder is legally obligated to comply with all terms and conditions of the permit.

Signed,

Nathan Moore  
Construction/MS4/Pretreatment Unit Manager  
Water Quality Control Division

# Storm Water Management Plan

## Appendix A:

### **Stormwater Pollution Prevention Plan**

#### **for:**

Southern Delivery System, Work Package 1A, Pueblo Dam Connections  
River Outlet Works, Pueblo Dam  
Pueblo, CO  
Main Office Number 719-647-2821

#### **Operator(s):**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821  
719-647-2890  
pdobbs@asiconstructors.com

#### **SWPPP Contact(s):**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821  
719-647-2890  
pdobbs@asiconstructors.com

#### **SWPPP Preparation Date:**

08/12/2010

#### *Estimated Project Dates:*

**Project Start Date: 08/30/2010**  
**Project Completion Date: 10/30/2010**

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## SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

### 1.1 Project/Site Information

Project/Site Name: SDS – Pueblo Dam Connections – River outlet works, Pueblo Dam

Project Street/Location: Spillway Road/Juniper Road

City: Pueblo State: CO ZIP Code: 81007

County or Similar Subdivision: Pueblo County

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude:

1. 38 ° 16 ' 14" N (degrees, minutes, seconds)

Longitude:

1. 104 ° 43 ' 19" W (degrees, minutes, seconds)

Method for determining latitude/longitude:

☐ USGS topographic map (specify scale: \_\_\_\_\_)

☐ EPA Web site ☐ GPS

☒ Other (please specify): Google Earth

Is the project located in Indian country? ☐ Yes ☒ No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." \_\_\_\_\_

Is this project considered a federal facility? ☒ Yes ☐ No

NPDES project or permit tracking number\*: \_\_\_\_\_

*\*(This is the unique identifying number assigned to your project by your permitting authority after you have applied for coverage under the appropriate National Pollutant Discharge Elimination System (NPDES) construction general permit.)*

## **1.2 Contact Information/Responsible Parties**

**Operator(s):**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821 - Ph  
719-647-2890 - Fax

**Project Manager(s) or Site Supervisor(s):**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821 - Ph  
719-647-2890 - Fax

**SWPPP Contact(s):**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821 - Ph  
719-647-2890 - Fax

**This SWPPP was Prepared by:**

ASI Constructors, Inc.  
Pete Dobbs  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821 - Ph  
719-647-2890 - Fax

**Subcontractor(s):**

No Major Subcontractors

**Emergency 24-Hour Contact:**

ASI Constructors, Inc.  
Pete Dobbs  
719-252-4837

### **1.3 Nature and Sequence of Construction Activity**

Describe the general scope of the work for the project, major phases of construction, etc:

Pueblo Dam is located on the Arkansas River in Pueblo county about 6 miles upstream and west of the City of Pueblo, Colorado. Pueblo Dam and Reservoir is a major storage reservoir of the United States Bureau of Reclamations Frying pan-Arkansas (Fry-Ark) project and is owned and operated by Reclamation in partnership with the Southeastern Colorado Water Conservancy District (SECWCD).

The major components of work include connection to the existing cast iron downstream flange on a 48" square outlet gate of the River Outlet Works inside of Buttress No. 16 of Pueblo Dam. A tapered rectangular AISI Type 304L SST liner will be installed into the existing concrete discharge tunnel in segments. The rectangular liner will transition to circular pipe section; the circular pipe transition will taper up to a 90" pipe over the length of the existing dam tunnel. The SST liner will be pressure grouted after installation.

After the 90" pipe exits the existing outlet tunnel, it bifurcates into two segments. The bifurcation will be encased in a reinforced concrete thrust block. Vertical dowels will be installed into the top surface of the river plug to transfer pipe thrust and gravity loads to the existing river plug. The primary pipeline segment continues following the centerline of buttress No. 16 to the fixed cone valve facility. The secondary pipe segment will be the 90 turnout at the SDS/Joint Users Pipeline, which will be exposed welded steel pipeline (approx 75 feet) as it spans the Arkansas River and terminates on the north bank.

A fixed cone valve facility will require a mass concrete foundation tied to the existing river plug. The river channel downstream of the existing river plug will be excavated without dewatering until the bedrock of the river channel is exposed. Divers will form and place approximately 3000 cy of tremie concrete in the channel.

The fixed cone valve facility will house a 60" fixed cone valve and a 60" rotary cone isolation valve. The facility will consist of a cast in place reinforced concrete structure constructed on top of the mass concrete foundation.

A new electrical service will be installed on-site to provide power to a panel for the instrumentation and controls of the new facilities.

What is the function of the construction activity?

☐ Residential    ☐ Commercial    ☐ Industrial    ☐ Road Construction    ☒ Linear Utility  
☐ Other (please specify):

Estimated Project Start Date: 08/30/2010

Estimated Project Completion Date: 10/30/2010

## **1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns**

### **Soil type(s):**

Surficial soil unconformably overlies bedrock at the site and consists of artificial fill (Qaf) and Quaternary-age (less than 2 million years old) alluvium. Artificial fill and concrete are present within Pueblo Dam and as road fill. Broadway, Louviers, and Slocum alluviums are present at the site (Scott, 1964), but were mapped as one undifferentiated unit (Qal). An existing utility corridor is present on the site, which contains alluvium and disturbed backfill. This area was mapped as alluvium because backfill materials at the surface were very similar to native alluvium and distinct contacts could not be identified.

Alluvium (Qal) at the site generally consists of coarse particles within a clayey sand matrix. The coarse particles consist predominately of gravel but also include cobbles and boulders with a maximum particle size of about 1 foot. The coarse particles are rounded to angular and of mixed lithologies. The matrix material consists of fine to medium grained sand and medium plasticity fines.

**Slopes** (describe current slopes and note any changes due to grading or fill activities): Current slopes are covered in native grasses and plants. No deterioration has been noted.

**Drainage Patterns** (describe current drainage patterns and note any changes due to grading or fill activities): Current drainage is uniform throughout and travels south and east towards the Arkansas River. There are some steep slopes that are covered with vegetation. There are no apparent high flow areas from stormwater causing erosion problems at the site.

**Vegetation:** Vegetation is typical of the surrounding environment, sparse with dry land drought tolerant grasses and plants. Existing vegetation is estimated at 60%.

### **Other:**

## **1.5 Construction Site Estimates**

The following are estimates of the construction site.

Total project area:	4 acres
Construction site area to be disturbed:	2 acres
Percentage impervious area before construction:	0%
Runoff coefficient before construction:	.2
Percentage impervious area after construction:	0%
Runoff coefficient after construction	.2

## **1.6 Receiving Waters**

Description of receiving waters: The receiving water is the "Arkansas River".

Description of storm sewer systems: There are no known storm sewer systems in our work area.

Description of impaired waters or waters subject to TMDLs: The section of the Arkansas River impacted by our construction is not subject to TMDLs.

Other:

## **1.7 Site Features and Sensitive Areas to be Protected**

Description of unique features that are to be preserved: N/A

Describe measures to protect these features: N/A

## **1.8 Potential Sources of Pollution**

### **Potential sources of sediment to stormwater runoff:**

Anywhere that existing vegetation is disturbed there will be potential for sediment run off.

### **Potential pollutants and sources, other than sediment, to stormwater runoff:**

ASI Constructors, Inc. will be placing approximately 3000 cubic yards of concrete in the Arkansas River Channel. The portion of work inside of the river channel will be contained in a cofferdam. Admixtures will be added to the concrete to help prevent the cement from washing out in the water. We will also be excavating 6000 cubic yards of river bottom to expose the native rock bottom of the river channel. All of this work will be contained inside of a cofferdam to prevent contaminated water from being discharged downstream without proper settling or treatment.

Trade Name Material	Stormwater Pollutants	Location
Ready Mix Concrete	None	Placing concrete in the river channel, underwater
Fuel, Oil gas	None	Equipment staged on barges in the river channel

### **1.9 Endangered Species Certification**

Are endangered or threatened species and critical habitats on or near the project area?

☐ Yes      ☒ No

Describe how this determination was made:

A survey was completed by the Owner. There were Colorado Species of interest identified which were the Triploid Checkered Whiptails.

If yes, describe the species and/or critical habitat:

The critical habitat is the rock canyon walls along the river channel.

If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact. (Note, if species are on or near your project site, EPA strongly recommends that the site operator work closely with the appropriate field office of the U.S. Fish and Wildlife Service or National Marine Fisheries Service. For concerns related to state or tribal listing of species, please contact a state or tribal official.)

We will not be performing work in the habitat areas of the Whiptails. We will be installing reinforced rock berms along the top of the rock canyon walls to help filter and contain any sediments migrating downhill towards the river channel. We will work with the Owner/Engineer to ensure we are not adversely impacting the Whiptails in our work area.

### **1.10 Historic Preservation**

Are there any historic sites on or near the construction site?

☐ Yes      ☒ No

Describe how this determination was made:

The owner has completed surveys and there were no known historic sites located in our work area.

### **1.11 Applicable Federal, Tribal, State or Local Programs**

The Sediment and Erosion Control Notes in the plans and specifications were reviewed by the Bureau of Reclamation and it was found in general compliance with the grading, erosion, SWMP and applicable standards.

It is our responsibility to ensure that BMPS, maintenance, and record keeping be in accordance with Federal, State, and County Standards.

### **1.12 Maps**

Please see attached site map

## **SECTION 2: EROSION AND SEDIMENT CONTROL BMPS**

### **2.1 *Minimize Disturbed Area and Protect Natural Features and Soil***

The areas we will disturb the soil are the lay down yard, the temporary road cut in from the lay down yard to the Security Area, and the foundation/crane pad near the dam buttress directly north of the river channel.

### **2.2 *Phase Construction Activity***

#### **Phase I – Site Set Up (1 Month)**

- Set up initial BMP's as shown in the site map
  - Preservation of natural vegetation/cover
  - Silt Fence along cleared and grubbed areas
  - waddles/straw bales
  - Reinforced rock berm
  - Traffic Pad Construction entrances
- Clearing and grubbing to install office trailers at the project location
- Install class 6 road base in the cleared areas for parking.
- Stockpile removed topsoil along the east fence of our lay down yard. This material will be placed back after project completion to original grades.
- Cut a temporary road from the lay down yard down to the security area as shown on the site map. We will slope the road to the uphill side allowing it to drain into a ditch along the side of the road. We will install straw bales inside the ditch to filter stormwater per State recommended guidelines.
- Excavation of a crane pad/staging area – This work entails excavation (16' cut) above the river channel to create a level work area for a crane and also for forming and placing a retaining structure per design for pipe.

#### **Phase II – Underwater excavation (1 month)**

- Install a cofferdam to isolate the work area directly downstream of the River Outlet Works of Pueblo Dam.
- Install Secondary Cofferdam for use as filtration and dewatering. We will obtain a dewatering permit from the State as Required and develop a dewatering plan that meets State Requirements.
- Use an excavator on a barge or on a built up platform in the river channel to remove approximately 5500-6000 cubic yards from the river channel.
- Materials will be stockpiled in the river channel, inside of the cofferdam, and sloped back to allow placement of concrete underwater.

#### **Phase III – Underwater Concrete Placement (2 months)**

- Form and pour 2000 cubic yards of concrete underwater using temie methods.



- BMP's Include
  - All of this work will be contained inside of our cofferdam.
  - Concrete washout to be constructed and maintained away from river channel

**Phase IV – Civil/Structural**

- Install tunnel liner pipe inside of Pueblo Dam River Outlet Works.
- Construct a Valve Control Facility
- Construct Pipe retaining structure on the North shore of the river channel.

## 2.3 Control Stormwater Flowing onto and through the Project

**BMP Description: Silt Fence**

<b>Installation Schedule:</b>	Days 1, 2 and 3
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more
<b>Responsible Staff:</b>	Superintendent

**BMP Description: Reinforced Rock Berm**

<b>Installation Schedule:</b>	Days 1, 2 and 3
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more
<b>Responsible Staff:</b>	Superintendent

**BMP Description: Cofferdams**

<b>Installation Schedule:</b>	Prior to starting work in river channel
<b>Maintenance and Inspection:</b>	Weekly
<b>Responsible Staff:</b>	Superintendent

**BMP Description: Straw bales or waddles**

<b>Installation Schedule:</b>	After cutting in temporary road and ramps and diversion ditches along road and ramp
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more
<b>Responsible Staff:</b>	Superintendent

## 2.4 Stabilize Soils

### **BMP Description: Class 6 road base on roads and ramps**

<input type="checkbox"/> <b>Permanent</b> <input checked="" type="checkbox"/> <b>Temporary</b>	
<b>Installation Schedule:</b>	After installation of temporary road and ramp, after clearing and grubbing area for office trailers and parking.
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more
<b>Responsible Staff:</b>	Superintendent

### **BMP Description:**

<input checked="" type="checkbox"/> <b>Permanent</b> <input type="checkbox"/> <b>Temporary</b>	
<b>Installation Schedule:</b>	As needed
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more.
<b>Responsible Staff:</b>	Superintendent

## 2.5 Protect Slopes

### **BMP Description: Tracked Slopes**

<b>Installation Schedule:</b>	As needed
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more.
<b>Responsible Staff:</b>	Superintendent

### **BMP Description: Place Road Base**

<b>Installation Schedule:</b>	After Construction of temporary road and ramps
<b>Maintenance and Inspection:</b>	Weekly and after precipitation events of ½" or more.
<b>Responsible Staff:</b>	Superintendent

## 2.6 Protect Storm Drain Inlets – NA

## **2.7 Establish Perimeter Controls and Sediment Barriers**

### ***BMP Description: Silt Fence***

<b><i>Installation Schedule:</i></b>	Days 1, 2 and 3
<b><i>Maintenance and Inspection:</i></b>	Weekly and after precipitation events of ½" or more.
<b><i>Responsible Staff:</i></b>	Superintendent

### ***BMP Description: Reinforced Rock Berm***

<b><i>Installation Schedule:</i></b>	Days 1, 2 and 3
<b><i>Maintenance and Inspection:</i></b>	Weekly and after precipitation events of ½" or more.
<b><i>Responsible Staff:</i></b>	Superintendent

## **2.8 Retain Sediment On-Site – NA, covered in other sections**

## **2.9 Establish Stabilized Construction Exits**

### ***BMP Description: Install Stabilized Construction Entrance – Rock Pads***

<b><i>Installation Schedule:</i></b>	Site Set up
<b><i>Maintenance and Inspection:</i></b>	Weekly and after precipitation events of ½" or more.
<b><i>Responsible Staff:</i></b>	Superintendent

## **2.10 Additional BMPs - NA**

## SECTION 3: GOOD HOUSEKEEPING BMPS

### 3.1 Material Handling and Waste Management

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***BMP Description: Roll Off Dumpster***

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<b><i>Installation Schedule:</i></b>	Prior to start of construction
<b><i>Maintenance and Inspection:</i></b>	Weekly
<b><i>Responsible Staff:</i></b>	Superintendent

### 3.2 Establish Proper Building Material Staging Areas

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***BMP Description: Designated Lay Down Yard – Material Storage Area***

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<b><i>Installation Schedule:</i></b>	At Site Set Up
<b><i>Maintenance and Inspection:</i></b>	Weekly
<b><i>Responsible Staff:</i></b>	Superintendent

We will designate storage of materials in our lay down yard. Materials that will be stored on-site include:

- Concrete Form Systems
- Lumber

### 3.3 Designate Washout Areas

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***BMP Description: Concrete Washout***

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<b><i>Installation Schedule:</i></b>	Prior to delivery of concrete to project location
<b><i>Maintenance and Inspection:</i></b>	Daily during concrete operations
<b><i>Responsible Staff:</i></b>	Superintendent

A Concrete Washout sump will be installed as shown in our site map. This area will be maintained and inspected daily during concrete placement activities.

### **3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices**

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***BMP Description: Offsite Fuel Storage/Use of 3<sup>rd</sup> party fueler to fuel equipment***

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<b><i>Installation Schedule:</i></b>	At start of construction
<b><i>Maintenance and Inspection:</i></b>	As needed
<b><i>Responsible Staff:</i></b>	Superintendent

---

***BMP Description: Keep fuel for daily use stored in drip pans/basins***

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<b><i>Installation Schedule:</i></b>	Start of Construction
<b><i>Maintenance and Inspection:</i></b>	As needed
<b><i>Responsible Staff:</i></b>	Superintendent

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### **3.5 Control Equipment/Vehicle Washing**

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***BMP Description: Perform washing of equipment offsite***

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<b><i>Installation Schedule:</i></b>	As needed
<b><i>Maintenance and Inspection:</i></b>	As needed
<b><i>Responsible Staff:</i></b>	Superintendent

---

### **3.6 Spill Prevention and Control Plan**

We have a spill prevention control plan for the project. Please see SDS – Pueblo Dam Connections, Site Specific Safety Plan

### **3.7 Any Additional BMPs – NA**

### **3.8 Allowable Non-Stormwater Discharge Management**

List allowable non-stormwater discharges and the measures used to eliminate or reduce them and to prevent them from becoming contaminated:

<b><i>BMP Description: Dust Mitigation/Water Truck</i></b>	
<b><i>Installation Schedule:</i></b>	As needed
<b><i>Maintenance and Inspection:</i></b>	Daily
<b><i>Responsible Staff:</i></b>	Superintendent

We will use a clean source of water to water roads and also for construction water.

## SECTION 4: SELECTING POST-CONSTRUCTION BMPs

<b><i>BMP Description: Revegetation Per Contract Specifications</i></b>	
<b><i>Installation Schedule:</i></b>	Upon Completion
<b><i>Maintenance and Inspection:</i></b>	Monthly
<b><i>Responsible Staff:</i></b>	Owner



## SECTION 5: INSPECTIONS

### ***5.1 Inspections***

- 1. Inspection Personnel:*** Identify the person(s) who will be responsible for conducting inspections and describe their qualifications:

The Project Superintendent or his designee will be responsible for completion of BMP Inspections.

- 2. Inspection Schedule and Procedures:***

Describe the inspection schedules and procedures you have developed for your site (include frequency of inspections for each BMP or group of BMPs, indicate when you will inspect, e.g., before/during/and after rain events, spot inspections):

Inspection schedule will be performed per BMP items listed above.

Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections:

As problems are identified during inspections, they will be corrected immediately. If correction requires multiple personnel and use of equipment, the Project Superintendent will be notified to make arrangement for correction of the issues noted.

Attach a copy of the inspection report you will use for your site.

## **5.2 Delegation of Authority**

### **Duly Authorized Representative(s) or Position(s):**

ASI Constructors, Inc.  
Greg Swindle  
General Superintendent  
1850 E. Platteville Blvd.  
Pueblo West, CO 81007  
719-647-2821  
719-647-2890

Attach a copy of the signed delegation of authority form in Appendix K.

## **5.3 Corrective Action Log**

Corrective Action Log:

INSERT LOG HERE or REFERENCE ATTACHMENT

## **SECTION 6: RECORDKEEPING AND TRAINING**

### **6.1 Recordkeeping**

Records will be retained for a minimum period of at least 3 years after the permit is terminated.

Date(s) when major grading activities occur:

9/6/2010-9/29/2010

Date(s) when construction activities temporarily or permanently cease on a portion of the site:

8/24/2011

Date(s) when an area is either temporarily or permanently stabilized:

8/24/2011

### **6.2 Log of Changes to the SWPPP**

Log of changes and updates to the SWPPP

INSERT LOG HERE or REFERENCE ATTACHMENT

### **6.3 Training**

Individual(s) Responsible for Training:

Brian Looby -- Safety/Environmental Director

Describe Training Conducted:

- General stormwater and BMP awareness training for staff and subcontractors:
- Detailed training for staff and subcontractors with specific stormwater responsibilities:

## SECTION 7: FINAL STABILIZATION

---

***BMP Description: Seeding Mulching***

---

<b><i>Installation Schedule:</i></b>	8/1/2011
<b><i>Maintenance and Inspection:</i></b>	As needed
<b><i>Responsible Staff:</i></b>	Owner

---

## SECTION 8: CERTIFICATION AND NOTIFICATION

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

Name: Pete Dobbs Title: Project Manager  
Signature: Pete W. Dahl Date: 8/16/2010

## **SWPPP APPENDICES**

Attach the following documentation to the SWPPP:

***Appendix A – General Location Map***

***Appendix B – Site Maps***

***Appendix C – Construction General Permit***

***Appendix D – NOI and Acknowledgement Letter from EPA/State***

***Appendix E – Inspection Reports***

***Appendix F – Corrective Action Log (or in Part 5.3)***

***Appendix G – SWPPP Amendment Log (or in Part 6.2)***

***Appendix H – Subcontractor Certifications/Agreements***

***Appendix I – Grading and Stabilization Activities Log (or in Part 6.1)***

***Appendix J – Training Log***

***Appendix K – Delegation of Authority***

***Appendix L – Additional Information (i.e., Endangered Species and Historic Preservation Documentation)***

## Appendix F – Corrective Action Log

**Project Name:**  
**SWPPP Contact:**

[illegible]

## Appendix G – SWPPP Amendment Log

Project Name:

SWPPP Contact:

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]



## Appendix H – Subcontractor Certifications/Agreements

### SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: \_\_\_\_\_

Project Title: \_\_\_\_\_

Operator(s): \_\_\_\_\_

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

**I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.**

This certification is hereby signed in reference to the above named project:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Type of construction service to be provided: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Appendix I – Grading and Stabilization Activities Log

Project Name:  
 SWPPP Contact:

Date Grading Activity Initiated	Description of Grading Activity	Date Grading Activity Ceased (Indicate Temporary or Permanent)	Date When Stabilization Measures are Initiated	Description of Stabilization Measure and Location

## Appendix J – SWPPP Training Log

### Stormwater Pollution Prevention Training Log

Project Name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Instructor's Name(s): \_\_\_\_\_

Instructor's Title(s): \_\_\_\_\_

Course Location: \_\_\_\_\_ Date: \_\_\_\_\_

Course Length (hours): \_\_\_\_\_

Stormwater Training Topic: *(check as appropriate)*

- ☐ Erosion Control BMPs      ☐ Emergency Procedures  
☐ Sediment Control BMPs      ☐ Good Housekeeping BMPs  
☐ Non-Stormwater BMPs

Specific Training Objective: \_\_\_\_\_

Attendee Roster: *(attach additional pages as necessary)*

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

## Appendix K –Delegation of Authority Form

### Delegation of Authority

I, \_\_\_\_\_ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the \_\_\_\_\_ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(name of person or position)  
(company)  
(address)  
(city, state, zip)  
(phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in \_\_\_\_\_ (Reference State Permit), and that the designee above meets the definition of a “duly authorized representative” as set forth in \_\_\_\_\_ (Reference State Permit).

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

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_







# STATE OF COLORADO

Bill Ritter, Jr., Governor  
Martha E. Rudolph, Executive Director

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

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado

Laboratory Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

September 9, 2010

Pete Dobbs, PM  
A S I Constructors Inc  
1850 E Platteville Blvd  
Pueblo West, CO 81007

**RE: Certification, Colorado Discharge Permit System - Construction Dewatering Operations**  
**Permit Number COG070000 Certification Number: COG073502**

Dear Mr/Ms Dobbs;

Enclosed please find a copy of the permit certification, which was issued under the Colorado Water Quality Control Act.  
**Please read the enclosed permit and certification.**

The Water Quality Control Division (the Division) has reviewed the application submitted for the S D S Pueblo Dam Connections facility and determined that it qualifies for coverage under the CDPS General Permit for **Construction Dewatering Operations** (the permit).

## **General Information:**

- **Permit Action Fees** : The Annual Fee for this certification is \$500 is invoiced every July. Do Not Pay This Now. The initial invoice will be prorated and sent to the legal contact shortly.
- **Changes to the Certification** – Any changes that need to be made to the certification page – changes in outfalls, monitoring requirements, etc., must be submitted using the "Permit and Certification Modification form" available on our website: [coloradowaterpermits.com](http://coloradowaterpermits.com), and signed by the legal contact.
- **Discharge Monitoring Report forms (DMR's)** will be mailed out within the next month. Reports must be submitted **monthly** as long as the certification is in effect. The permittee shall provide the Division with any additional monitoring data on the permitted discharge collected for entities other than the Division. This will be supplied to the Division within 48 hours of the receipt of the data by the permittee. If forms have not been received, please contact the Division at 303-692-3517.
- **Sampling Requirements** Sampling shall occur at a point after treatment, or after the implementation of any Best Management Practices (BMPs). If BMPs or treatment are not implemented, sampling shall occur where the discharge leaves control of the permittee, and prior to entering the receiving stream or prior to discharge to land. Samples must be representative of what is entering the receiving stream. A minimum of one sample must be collected for discharges lasting less than 1 week.
- **Termination requirements** This certification to discharge is effective long term, even though construction and dewatering discharge are only expected to be temporary. For termination of permit coverage, the permittee must initiate this by sending the "CDPS Permits and Authorization Termination Form." This form is also available on our web site and must be signed by the legal contact.
- **Groundwater Contamination** If groundwater contamination is encountered, then the permittee is to contact the Division, the permit writer, cease all discharges, and if appropriate, contact the owner of the collection system receiving the discharge. If the dewatering can be treated to meet surface water or groundwater numeric limitations, the certification will be amended to include sampling and monitoring for additional parameters representative of the groundwater contamination. **The discharge of contaminated groundwater, above surface water or groundwater standards, is not authorized under this permit.**

- **Certification Records Information** The following information is what the Division records show for this certification.  
For any changes to Contacts – Legal, Local, Billing, or DMR – a “Notice of Change of Contacts form” must be submitted to the Division. This form is also available on our web site and must be signed by the legal contact.

**Facility:** S D S Pueblo Dam Connections

**County:** Pueblo

**Industrial Activities:** Construction of Valve Control Facility in River Channel

**SIC Code:** 1799

**Other CDPs Permits for this Facility:** Stormwater Discharges Associated with Construction Activity: Pending

**Legal Contact** *Receives all legal documentation, pertaining to the permit certification. [is contacted for any questions relating to the facility; and receives DMRs as appropriate - mobile discharge points do not receive DMRs – using the blank DMR form available on coloradowaterpermits.com website.]*

Pete Dobbs, PM

A S I Constructors Inc

1850 E Platteville Blvd

Pueblo West, CO 81007

Phone number: 719-647-2821

Email: pdobbs@asiconstructors.com

**Billing Contact**

Jake Michel Controller

A S I Constructors Inc

1850 E Platteville Blvd

Pueblo West, CO 81007

Phone number: 719-647-2821

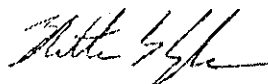
Email: jake@asiconstructors.com

For answers to common questions surrounding construction dewatering, please review the Construction Dewatering FAQ available on our website at:

<http://www.cdphe.state.co.us/wq/PermitsUnit/POLICYGUIDANCEFACTSHEETS/factsheets/CDWFAQ.pdf>

If you have any other questions please contact me at 303-692-3575.

Sincerely



Matthew Czahor, Permit Writer  
WATER QUALITY CONTROL DIVISION

Enclosures: Certification page; General Permit

xc: Regional Council of Government  
Pueblo County, Local County Health Department  
D.E., Technical Services Unit, WQCD  
Permit File

/dkj

cdw cert 2010

# STATE OF COLORADO



**COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT**  
**WATER QUALITY CONTROL DIVISION**  
**TELEPHONE: (303) 692-3500**

**CERTIFICATION TO DISCHARGE  
 UNDER  
 CDPS GENERAL PERMIT COG070000  
 CONSTRUCTION DEWATERING OPERATIONS**

Certification Number: COG073502

**This Certification to Discharge specifically authorizes:**

**A S I Constructors Inc**  
 to discharge from the facility identified as

**S D S Pueblo Dam Connections**

to:

**Arkansas River**

**Facility Located at:** Juniper Rd and Pueblo Dam Access Rd, Pueblo County, Pueblo, CO 81005  
**Facility Location** Latitude 38.271, Longitude -104.722

<b>Discharge Outfall 001A</b>	The dewatering discharges to the Arkansas River just downstream of the River Outlet Works at Pueblo Dam. The estimated discharge flow rate is 750 GPM.
-------------------------------	--

\*All discharges must comply with the lawful requirements of federal agencies municipalities, counties, drainage districts or other local agencies regarding any discharges to storm drain systems, conveyances, or other water courses under their jurisdiction.

**Permit Limitations and Monitoring Requirements apply to 001A as outlined in the Permit Part I.B and Part I.C**

Parameter	Units	Discharge Limitations Maximum Concentrations			Monitoring Frequency	Sample Type
		30-Day Average	7-Day Average	Daily Max.		
APPLICABLE TO ALL DISCHARGES AS LISTED IN GENERAL PERMIT						
pH, (Minimum-Maximum) 00400	s.u.	NA	NA	6.5-9.0	Weekly	In-situ
Total Suspended Solids, 00530	mg/l	30	45	NA	Weekly	Grab
Oil and Grease, 03582	mg/l	NA	NA	10*	Weekly	Grab*
Flow, 50050	MGD	Report	NA	Report	Weekly	Instantaneous or Continuous
Oil and Grease Visual 84066		NA	NA	NA	Weekly	Visual

\* If a visible sheen is observed, a grab sample shall be collected and analyzed for oil and grease.

**Certification is issued and effective 9/9/2010**

**Certification Expires: 11/30/2011**

This certification under the permit requires that specific actions be performed at designated times. The certification holder is legally obligated to comply with all terms and conditions of the permit.

Signed,

**Nathan Moore**  
 Construction, MS4, & Pretreatment Unit Manager  
 Water Quality Control Division



CDPS GENERAL PERMIT  
FOR CONSTRUCTION DEWATERING ACTIVITIES  
AUTHORIZATION TO DISCHARGE UNDER THE  
COLORADO DISCHARGE PERMIT SYSTEM

In compliance with the provisions of the Colorado Water Quality Control Act (25-8-101 et. seq. CRS, 1973 as amended), and the Clean Water Act (33 U.S.C. 1251 et. seq. as amended; the "Act"), entities engaged in construction dewatering of groundwater and/or stormwater (excluding mine dewatering activities), are authorized to discharge from approved locations throughout the State of Colorado to waters of the State. Such discharges shall be in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof.

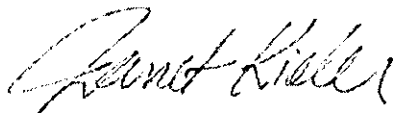
This permit specifically authorizes the identified entity to discharge from their wastewater treatment facilities, at the described location, to identified waters of the state, as stated in the certification which is on page one of this permit.

The authorization to discharge under this permit is in effect from the date of certification (page one of this permit) until the expiration date identified below.

This permit becomes effective on December 1, 2006, and shall expire at midnight, **November 30, 2011**

Reissued and signed this 5th day of **June, 2008**

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT



Janet Kieler, Permits Section Manager  
WATER QUALITY CONTROL DIVISION

**Permit Action Summary:**

**Amendment #1 – Issued June 5, 2008, Effective August 1, 2008**  
**Originally Issued November 01, 2006, Effective December 1, 2006**

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PART I

A. COVERAGE UNDER THIS PERMIT

1. Eligibility

In order to be eligible for authorization to discharge under the terms and conditions of this permit, the owner and/or operator of any construction dewatering operation, the water being groundwater or groundwater mixed with stormwater, that discharges to waters of the State, which can meet the conditions identified at Part I.A.3., below, must submit a complete permit application form obtained from the Water Quality Control Division ("Division"). If application applies such application shall be submitted at least thirty (30) days prior to the anticipated date of first discharge to:

Colorado Department of Public Health and Environment  
Water Quality Control Division, WQCD-P-B2  
4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530  
Attention: Industrial Permits Unit

The application form can be obtained from the Division or from the website at [www.cdphc.state.co/wq/PermitsUnit/land/0700000DewateringApplication.pdf](http://www.cdphc.state.co/wq/PermitsUnit/land/0700000DewateringApplication.pdf) or by calling 303-692-3500. A summary of the information required in the application is provided below in Part I.A.2.

The Division shall have up to thirty (30) days after receipt of the application to request additional data and/or deny the authorization for any particular discharge. Upon receipt of additional information the Division shall have an additional 30 days to issue or deny authorization for any particular discharge.

If the Division determines that the operation does not fall under the authority of the general permit, then the information received will be treated as an individual permit application.

Authorization to discharge under this general permit shall commence immediately and shall expire on **November 30, 2011**. The Division must evaluate this general permit at least once every five (5) years and must also recertify the applicant's authority to discharge under the general permit at such time. Therefore, a permittee desiring continued coverage under this general permit must re-apply by **May 1, 2011**. The Division will determine if the applicant is eligible to continue to operate under the terms of the general permit. An application for an individual permit will be required for any point source discharge not reauthorized to discharge under the reissued general permit.

2. Application Requirements

The application referenced in Part I.A.1., above, will require the following information:

- a. The name, address, and descriptive location of the operation along with an accompanying USGS map, or a map of similar quality, which shows the location of all pertinent activities and the site boundary;
- b. The name of the principal in charge of operation, address, and phone number of the owner and of the field superintendent in responsible charge;
- c. A detailed site map that identifies all discharge points, and a schematic diagram showing the general area and/or routing of the activity;
- d. The name of water(s) receiving the discharge(s) and a listing of any downstream waters into which the receiving stream flows within five miles of the point of discharge;
- e. Description of the type of activity resulting in the discharge including the anticipated duration of activity and/or the discharge, anticipated volume, and rate of discharge, and the source of water which is to be discharged;
- f. Description of any wastewater treatment system and recycle/reuse utilized;
- g. A description of the methods and equipment to be used to measure flows and to analyze for pollutants of concern in the discharge; and,
- h. Storage of petroleum or chemicals on site.
- i. Discharge cannot be shown to be capable of causing new or increased loadings of parameters cited in Colorado's 303(d) list (<http://www.cdphc.state.co.us/regulations/wqccregs/100293wqlimitedsegundls.pdf>) for impairment for next receiving downstream State waters;

3. Certification Requirements

The applicant must certify that the following conditions exist at the operation or the operation will not be allowed to discharge under the authority of the general permit:

- a. This permit does not constitute authorization under 33 U.S.C. 1344 (Section 404 of the Clean Water Act) of any stream dredging or filling operations;
- b. The operation does not accept for treatment and discharge, by truck, rail, or dedicated pipeline, any hazardous waste as defined at Part 261, 6 CCR 1007-3, under the Hazardous Waste Commission Regulations;
- c. The certification does not allow for a mixing zone and all limits are end of pipe.

## B. TERMS AND CONDITIONS

### 1. Effluent Parameters

In accordance with the Water Quality Control Commission Regulations for Effluent Limitations, Section 62.4, and the Colorado Discharge Permit System Regulations, Section 61.8(2), the following limitations will be applicable to all discharges.

Parameter	Discharge Limitations Maximum Concentrations		
	30-Day Avg	7-Day Average	Daily Max.
Flow, MGD	Report	NA	Report
Total Suspended Solids, mg/l	30	45	NA
Oil and Grease, mg/l	NA	NA	10*
pH, s.u. (Minimum-Maximum)	NA	NA	6.5-9.0
Total Dissolved Solids, mg/l**	NA	NA	Report
Total Phosphorus, mg/l, as P***	NA	NA	Report
Site Specific			
Metals, ug/l****	Varies	Varies	Varies

\*There shall be no visible sheen.

\*\*Applicable only to waters of the Colorado River Basin.

\*\*\*Applicable only to waters with a control regulation for P.

\*\*\*\*Applicable on a site by site basis.

### 2. Site-specific Limitations

Site-specific limitations for a parameter may be added on a case-by-case basis that are equivalent to the Basic Standards and Methodologies for Surface Water, or Regulation for Effluent Limitations, or any other applicable regulation, and would be specified in the certification along with the appropriate monitoring frequencies.

### 3. Onetime Sampling Analysis for Metals

The Division may request a onetime sampling and analysis for specific or all inclusive metals parameters on a site specific/ discharge specific basis. The permittee will be required to submit these results to the permit writer identified on the certification. The Division will then review the data to determine if any certification amendments are necessary based on the effluent monitoring results.

### 4. Onetime Sampling Analysis for Organics

The Division may request a onetime sampling and analysis for specific or all inclusive organics parameters on a site specific/ discharge specific basis. The permittee will be required to submit these results to the permit writer identified on the certification. The Division will then review the data to determine if any certification amendments are necessary based on the effluent monitoring results.

### 5. Other Site-specific Permit Conditions

Specific permit conditions may be added due to Division compliance order on consent, cease and desist order, or an EPA administrative order, or similar decree promulgated by the Division or EPA.

## C. MONITORING REQUIREMENTS

### 1. Effluent Parameters

In order to obtain an indication of compliance or non-compliance with the effluent limitations specified in Part I, Section B.1, the permittee shall normally monitor the effluent parameters at the following required frequencies, however changes to these frequencies may be made on a site specific and/or discharge specific basis, as identified in the certification on page one of this permit, the results to be reported on the Discharge Monitoring Report ("DMR") (See Part I, Section F.2.):

Effluent Parameter	Measurement Frequency	Sample Type
Flow, MGD	Weekly	Instantaneous or Continuous
Total Suspended Solids, mg/l	Weekly	Grab
Oil and Grease, mg/l	Weekly	Visual*
pH, s.u. (Minimum-Maximum)	Weekly	In-situ
Total Dissolved Solids, mg/l**	Monthly	Grab
Total Phosphorus, mg/l, as P***	Monthly	Grab
Site Specific		
Metals, ug/l****	Varies	Varies

\*There shall be no visible sheen.

\*\*Applicable only to waters of the Colorado River Basin.

\*\*\*Applicable only to waters with a control regulation for P.

\*\*\*\*Applicable on a site by site basis.

## D. DEFINITIONS OF TERMS

- "Continuous" measurement is a measurement obtained from an automatic recording device, which continually provides measurements.

2. "Daily Maximum limitation" means the limitation for this parameter shall be applied as an instantaneous maximum (or, for pH or DO, instantaneous minimum) value. The instantaneous value is defined as the analytical result of any individual sample. DMRs shall include the maximum (and/or minimum) of all instantaneous values within the calendar month. Any instantaneous value beyond the noted daily maximum limitation for the indicated parameter shall be considered a violation of this permit.
3. "Grab" sample, is a single "dip and take" sample so as to be representative of the parameter being monitored.
4. "In-situ" measurement is defined as a single reading, observation or measurement taken in the field at the point of discharge.
5. "Instantaneous" measurement is a single reading, observation, or measurement performed on site using existing monitoring facilities.
6. "Material handling activities" include: storage, loading and unloading of any raw material, intermediate product, finished product, by-product, or waste product where such products could come in contact with precipitation.
7. "Seven (7) day average" means the arithmetic mean of all samples collected in a seven (7) consecutive day period. Such seven (7) day averages shall be calculated for all calendar weeks, which are defined as beginning on Sunday and ending on Saturday. If the calendar week overlaps two months (i.e. the Sunday is in one month and the Saturday in the following month), the seven (7) day average calculated for that calendar week shall be associated with the month that contains the Saturday. Samples may not be used for more than one (1) reporting period.
8. "Significant materials" include but are not limited to: raw materials; fuels; materials such as metallic products; hazardous substances designated under section 101(14) of CERCLA; any chemical the facility is required to report pursuant to section 313 of SARA III; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharge.
9. "Stormwater discharge associated with industrial activity" means any point source which is used for collecting and conveying stormwater, and which is located at an industrial site or directly related to manufacturing, processing or raw materials storage areas at an industrial site. The term includes, but is not limited to, stormwater discharges from drainage areas in which are located: industrial site yards; immediate access roads and rail lines; drainage ponds; material handling sites; refuse sites; sites used for the application or disposal of process waters; sites used for storage and maintenance of material handling equipment; sites that are or have been used for residual treatment, storage or disposal; dust or particulate generating processes; shipping and receiving areas; manufacturing buildings; and storage areas (including tank farms) for raw materials, and intermediate and finished products.
10. "Thirty (30) day average" means the arithmetic mean of all samples collected during a thirty (30) consecutive-day period. The permittee shall report the appropriate mean of all self-monitoring sample data collected during the calendar month on the Discharge Monitoring Reports. Samples shall not be used for more than one (1) reporting period.
11. "Visual" observation is observing the discharge to check for the presence of a visible sheen or floating oil.
12. "Water Quality Control Division" or "Division" means the state Water Quality Control Division as established in 25-8-101 et al.)

Additional relevant definitions are found in the Colorado Water Quality Control Act, CRS §§ 25-8-101 et seq., the Regulations for the State Discharge Permit System, 5 CCR 1002-2, § 6.1.0 et seq and other applicable regulations.

## **E. ADDITIONAL MONITORING REQUIREMENTS**

### **1. Representative Sampling**

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without notification to and approval by the Division.

### **2. Discharge Sampling Point**

Discharge points shall be so designed or modified so that a sample of the effluent can be obtained at a point after the final treatment process and prior to discharge to state waters. The permittee shall provide access to the Division to sample the discharge at these points.

### **3. Analytical and Sampling Methods for Monitoring**

The permittee shall install, calibrate, use and maintain monitoring methods and equipment, including biological and indicated pollutant-monitoring methods. Analytical and sampling methods utilized by the discharger shall be approved methods as defined by Colorado Regulations for Effluent Limitations (5 CCR 1002-3, 62.5), Federal regulations (40 CFR 136) and any other applicable State or Federal regulations.

When requested in writing, the Water Quality Control Division may approve an alternative analytical procedure or any significant modification to an approved procedure.

### **4. Records**

- a) The permittee shall establish and maintain records. Those records shall include, but not be limited to, the following:

- (i) The date, type, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) the analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.
- b) The permittee shall retain for a minimum of three (3) years records of all monitoring information, including all original strip chart recordings for continuous monitoring instrumentation, all calibration and maintenance records, copies of all reports required by this permit and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the permittee or when requested by the Division.
5. Additional Monitoring by Permittee
- If the permittee, using the approved analytical methods, monitors any parameter more frequently than required by this permit, then the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form or other forms as required by the Division. Such increased frequency shall also be indicated.
6. Flow Measuring Devices
- Flow measuring and metering shall be provided to give representative values of throughput and treatment of the wastewater system. Unless specifically waived in the certification, the metering device shall be equipped with a local flow indication instrument and a flow indication-recording-totalization device suitable for providing permanent flow records, which should be in the plant control building.
- At the request of the Director of the State Water Quality Control Division, the permittee must be able to show proof of the accuracy of any flow-measuring device used in obtaining data submitted in the monitoring report. The flow-measuring device must indicate values within ten (10) percent of the actual flow discharging from the point source.
7. Contamination:
- If groundwater contamination is encountered, then the permittee is to contact the Division and, if appropriate, the owner of the collection system receiving the discharge. Since the discharge of contaminated groundwater is not covered under this permit, the permittee shall immediately apply for a groundwater remediation certification, <http://www.cdphc.state.co.us/wq/PermitsUnit/landD/31000gasolinecleanup.application.pdf> which will include appropriate requirements for additional discharge monitoring and on-site environmental response capabilities?

## F. REPORTING

### 1. Signatory Requirements

All reports, applications, or information required for submittal shall be signed and certified for accuracy by the permittee in accord with the following criteria:

- a) In the case of corporations, by a principal executive officer of at least the level of vice-president or his or her duly authorized representative, if such representative is responsible for the overall operation of the operation from which the discharge described in the form originates;
- b) In the case of a partnership, by a general partner;
- c) In the case of a sole proprietorship, by the proprietor;
- d) In the case of a municipal, state, or other public operation, by either a principal executive officer, ranking elected official, or other duly authorized employee.

### 2. Monthly Reports

Monitoring results shall be for each calendar month and reported on the DMR forms (EPA forms 3320-1). DMR forms shall normally be submitted on a monthly basis; however the Division may determine a different frequency. The forms shall be mailed to the Division at the address listed below so that they are received by the Division no later than the 28th day of the following month. If no discharge occurs during the reporting period, "No Discharge" shall be reported.

The DMR forms shall be filled out accurately and completely in accordance with the requirements of this permit and the instructions on the forms, and shall be signed by an authorized person as identified in the preceding section, Part I.F.1.

The DMR forms consist of four pages - the top "original" copy, and three attached no-carbon-required copies. After the DMR form has been filled out and signed, the four copies must be separated and distributed as follows.

The top, original copy of each form shall be submitted to the following address:

Colorado Department of Public Health and Environment  
Water Quality Control Division, WQCD-PE-B2  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

The additional copies are for the permittee's records.

3. Special Notifications

a) Definitions

- (i) Bypass: The intentional diversion of waste streams from any portion of a treatment facility.
- (ii) Severe Property Damage: 1) Substantial physical damage to property at the treatment facilities to cause them to become inoperable, or 2) substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.
- (iii) Spill: An incident in which flows or solid materials are accidentally or unintentionally allowed to flow or escape so as to be lost from the domestic wastewater treatment works as defined in the Colorado Water Quality Control Act, which may cause pollution of state waters.
- (iv) Upset: An exceptional incident in which there is unintentional and temporary noncompliance with permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

b) Noncompliance Notification

- (i) If, for any reason, the permittee does not comply with or will be unable to comply with any maximum discharge limitations, standards or conditions specified in this permit, the permittee shall, at a minimum, provide the Division and EPA with the following information:
  - (1) A description of the discharge and cause of non-compliance.
  - (2) The period of noncompliance, including exact dates and times and/or the anticipated time when the discharge will return to compliance; and
  - (3) Steps being taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge.
- (ii) The following instances of noncompliance shall be reported orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances, and a written report mailed within five (5) days of the time the permittee becomes aware of the circumstances. Oral notifications should be made by calling the Environmental Release and Incident Reporting Line at 877-518-5608. Written reports should be sent to Colorado Department of Public Health and Environment, Water Quality Control Division, WQCD-District Engineer, 4300 Cherry Creek Drive South, Denver, CO 80246-1530.
  - (1) Any instance of noncompliance, which may endanger human health or the environment, regardless of the cause for the incident.
  - (2) Any unanticipated bypass, or any upset or spill, which causes any permit limitation to be violated.
  - (3) Any suspected significant discharges of toxic pollutants or hazardous substances, which are listed in Part III. of this permit, regardless of the cause for the incident.
- (iii) The permittee shall report all other instances of noncompliance, which are not required to be reported within twenty-four (24) hours, at the time DMRs are submitted, except as required in (iv) below. The reports shall contain the information listed in "Noncompliance Notification" (paragraph (i) above).
- (iv) If the permittee knows in advance of the need for a bypass, it shall submit written notification to the Division of the need for such bypass at least ten days before the date of the contemplated bypass.

c) Submission of Incorrect or Incomplete Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or report to the Division, it shall promptly submit such facts or information.

d) Change in Discharge or Wastewater Treatment Facility

The permittee shall inform the Division (Technical Services Unit) in writing of any intent to construct, install, or alter any process, facility, or activity that is likely to result in a new or altered discharge either in terms of location or effluent quality prior to the occurrence of the new or altered discharge, and shall furnish the Division such plans and specifications which the Division deems reasonably necessary to evaluate the effect on the discharge and receiving stream.

If the Division finds that such new or altered discharge might be inconsistent with the conditions of the permit, the Division shall require a new or revised permit application and shall follow the procedures specified in Colorado State Discharge Permit System Regulations, 5CCR 1002.2, Sections 61.5 through 61.9(2), and 61.15 prior to the effective date of the new or altered discharge.

e) Deactivation

The permittee shall notify the Division (Permits Section) within thirty (30) days before deactivation of the permitted operation. Deactivation includes ceasing operation of the facility, ceasing all discharges to State Waters for the remaining term of the existing permit and/or the connection to another wastewater treatment facility.

PART II

A. MANAGEMENT REQUIREMENTS AND RESPONSIBILITIES

1. Bypass

- a) The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. Division notification is not required.
- b) A bypass, which causes effluent limitations to be exceeded, is prohibited, and the Division may take enforcement action against a permittee for such a bypass, unless:
  - (i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
  - (ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if the permittee could have installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
  - (iii) The permittee submitted notices as required in "Non-Compliance Notification," Part I.F. 3(b) (iv)

2. Upsets

a) Effect of an Upset

An upset constitutes an affirmative defense to an action brought for noncompliance with technology-based (process-related) permit effluent limitations if the requirements of paragraph (b) of this section are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

b) Conditions Necessary for a Demonstration of Upset

A permittee who wishes to establish the affirmative defense of upset shall demonstrate through properly signed contemporaneous operating logs, or other relevant evidence that:

- (i) An upset occurred and that the permittee can identify the specific cause(s) of the upset;
- (ii) The permitted operation was at the time being properly operated; and
- (iii) The permittee submitted notice of the upset as required in Part I, Section C of this permit (24-hour notice).
- (iv) The permittee complied with any remedial measures required under 40 CFR 122.7(d).

c) Burden of proof

In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

3. Reduction, Loss, or Failure of Treatment

The permittee has the duty to halt or reduce any activity if necessary to maintain compliance with the effluent limitations of the permit. Upon reduction, loss, or failure of the treatment, the permittee shall, to the extent necessary to maintain compliance with this permit, control sources of wastewater, or all discharges, or both until the treatment is restored or an alternative method of treatment is provided. This provision also applies to power failures, unless an alternative power source sufficient to operate the wastewater control facilities is provided.

In an enforcement action a permittee shall not use a defense that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.



4. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State.

5. Minimization of Adverse Impacts

The permittee shall take all reasonable steps to minimize any adverse impact to waters of the State resulting from noncompliance with any effluent limitations specified in this permit. As necessary, accelerated or additional monitoring of the influent or effluent will be required to determine the nature and impact of noncompliance.

6. Discharge Point

Any discharge to the waters of the State from a point source other than specifically authorized herein is prohibited.

7. Inspections and Right to Entry

The permittee shall allow the Division's Director, the EPA Regional Administrator, and/or their authorized representatives, upon the presentation of credentials:

- a) To enter upon the permittee's premises where a regulated facility or activity is located or in which any records are required to be kept under the terms and conditions of this permit;
- b) At reasonable times to have access to inspect and copy any records required to be kept under the terms and conditions of this permit and to inspect any monitoring equipment or monitoring method required in the permit; and
- c) To enter upon the permittee's premises in a reasonable manner and at a reasonable time to inspect and/or investigate any actual, suspected, or potential source of water pollution, or to ascertain compliance or noncompliance with any applicable state or federal statute or regulation or any order promulgated by the Division. The investigation may include, but is not limited to the following: sampling of any discharge and/or process waters, the taking of photographs, interviewing of any persons having any knowledge related to the discharge permit or alleged violation, access to any and all facilities or areas within the permittee's premises that may have any affect on the discharge, permit, or alleged violation.
- d) The Division shall split samples taken by the Division during any investigation with the permittee if requested to do so by the permittee.

8. Duty to Provide Information

The permittee shall furnish to the Division, within a reasonable time, any information which the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

9. Availability of Reports

Except for data determined to be confidential under Section 308 of the Act and the Colorado Discharge Permit System Regulations 5 CCR 1002-2, Section 61.5(4), all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Division and the EPA's Regional Administrator.

As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act, and Section 25-8-610 C.R.S.

10. Transfer of Ownership or Control

A permit may be transferred to a new permittee only upon the completion of the following:

- a) The current permittee notifies the Division in writing 30 days in advance of the proposed transfer date;
- b) The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; and
- c) Fee requirements of the Colorado Discharge Permit System Regulations (Section 61.15) have been met.

B. ADDITIONAL CONDITIONS

1. Permit Violations

Failure to comply with any terms and/or conditions of this permit shall be a violation of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

2. Civil and Criminal Liability

Except as provided in Part I, Section C and Part II, Section A, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance (See 40 CFR 122.60)

3. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibility, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.

4. Division Emergency Power

Nothing in this permit shall be construed to prevent or limit application of any emergency power of the Division.

5. Severability

The provisions of this permit are severable. If any provisions of this permit, or the application of any provision of this permit in any circumstance, are held invalid, the application of such provision to other circumstances and the application of the remainder of this permit shall not be affected.

6. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 (Oil and Hazardous Substance Liability) of the Act, except as recognized by federal law.

7. Property Rights

The issuance of this permit does not convey any property or water rights in either real or personal property or stream flow or any exclusive privileges, nor does it authorize any injury to private property, any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.-

8. Modification, Suspension, or Revocation of Permit

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

All permit modification, termination or revocation and reissuance actions shall be subject to the requirements of the Colorado Discharge Permit System Regulations, Sections 61.5(2), 61.5(3), 61.8, and 61.15 except for minor modifications.

Minor modifications may only correct typographical errors, require a change in the frequency of monitoring or reporting by the permittee, change an interim date in a schedule of compliance or allow for a change in ownership or operational control of an activity including addition, deactivation or relocation of discharge points where the Division determines that no other change in the permit is necessary.

a) This permit may be modified, suspended, or revoked in whole or in part during its term for reasons determined by the Division including, but not limited to, the following:

- (i) Violation of any terms or conditions of the permit;
- (ii) Obtaining a permit by misrepresentation or failing to disclose any fact which is material to the granting or denial of a permit or to the establishment of terms or conditions of the permit; or
- (iii) Materially false or inaccurate statements or information in the permit application of the permit; or
- (iv) Toxic effluent standards or prohibitions (including any schedule of compliance specified in such effluent standard or prohibition) which are established under Section 307(a) of the Federal Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit.

- b) This permit may be modified in whole or in part due to a change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge, such as:
  - (i) The water quality standards applicable to such waters; or
  - (ii) Effluent limitations or other applicable requirements pursuant to the state act or federal requirements; or
- c) This permit may be modified in whole or in part to include any condition set forth in the approval of the site location for the facility per Regulations for the Site Application Process, 5 CCR 1002-22, and Sections 22.1 through 22.14.
- d) At the request of a permittee, the Division may modify or terminate this permit and issue a new permit if the following conditions are met:
  - (i) EPA's Regional Administrator has been notified of the proposed modification of termination and does not object in writing within thirty (30) days of receipt of notification;
  - (ii) The Division finds that the permittee has shown reasonable grounds consistent with the Federal and State statutes and regulations for such modifications or termination;
  - (iii) Fee requirements of Section 61.15 of Colorado Discharge Permit System Regulations have been met; and
  - (iv) Requirements of public notice have been met.
- e) This permit may be modified to reflect any new requirements for handling and disposal of biosolids as required by State or Federal regulations.
- f) This permit shall be modified or alternatively, revoked and reissued, to incorporate an approved Domestic Wastewater Treatment Works Pretreatment Program into the terms and conditions of this permit.
- g) If, during the term of this permit, industrial contributions to the DWTW are interfering, inhibiting or incompatible with the operation of the treatment works, then the permit may be modified to require the permittee to specify, by ordinance, contract, or other enforce- able means, the type of pollutant(s) and the maximum amount which may be discharged to the permittee's facility for treatment.

9. Permit Renewal Application

If the permittee desires to continue to discharge, a permit renewal application shall be submitted at least one hundred eighty (180) days before this permit expires. If the permittee anticipates there will be no discharge after the expiration date of this permit, the Division must be promptly notified so that it can terminate the permit in accordance with Part II Section B.8.

10. Confidentiality

Any information relating to any secret process, method of manufacture or production, or sales or marketing data, which may be acquired, ascertained, or discovered, whether in any sampling investigation, emergency investigation, or otherwise, shall not be publicly disclosed by any member, officer, or employee of the commission or the Division, but shall be kept confidential. Any person seeking to invoke the protection of this Subsection (10) shall bear the burden of proving its applicability. This section shall never be interpreted as preventing full disclosure of effluent data.

11. Fees

The permittee is required to submit an annual fee as set forth in the 1983 amendments to the Water Quality Control Act, Section 25-8-502 (1) (b), and Colorado Discharge Permit System Regulations 5CCR 1002-2, Section 61.15 as amended. Failure to submit the required fee when due and payable is a violation of the permit and will result in enforcement action pursuant to Section 25-8-601 et. seq., C.R.S. 1973 as amended.

### PART III

PRIORITY POLLUTANTS AND HAZARDOUS SUBSTANCES  
ORGANIC TOXIC POLLUTANTS IN EACH OF FOUR FRACTIONS  
IN ANALYSIS BY GAS CHROMATOGRAPHY/MASS SPECTROSCOPY (GC/MS)  
(SEE TABLE II, OF 40 CFR 122 APPENDIX D)

#### Volatiles

aerolein  
acrylonitrile  
benzene  
bromoform  
carbon tetrachloride  
chlorobenzene  
chlorodibromomethane  
chloroethane  
2-chloroethylvinyl ether  
chloroform  
dichlorobromomethane  
1,1-dichloroethane  
1,2-dichloroethane  
1,1-dichloroethylene  
1,2-dichloropropane  
1,3-dichloropropylene  
ethylbenzene  
methyl bromide  
methyl chloride  
methylene chloride  
1,1,2,2-tetrachloroethane  
tetrachloroethylene  
toluene  
1,2-trans-dichloroethylene  
1,1,1-trichloroethane  
1,1,2-trichloroethane  
trichloroethylene  
vinyl chloride

#### Base/Neutral

acenaphthene  
acenaphthylene  
anthracene  
benzidine  
benzo(a)anthracene  
benzo(a)pyrene  
3,4-benzofluoranthene  
benzo(ghi)perylene  
benzo(k)fluoranthene  
bis(2-chloroethoxy)methane  
bis(2-chloroisopropyl)ether  
bis(2-ethylhexyl)phthalate  
4-bromophenyl phenyl ether  
butylbenzyl phthalate  
2-chloronaphthalene  
4-chlorophenyl phenyl ether  
chrysene  
dibenzo(a,h)anthracene  
1,2-dichlorobenzene  
1,3-dichlorobenzene  
1,4-dichlorobenzene  
3,3-dichlorobenzidine  
diethyl phthalate  
dimethyl phthalate  
di-n-butyl phthalate  
2,4-dinitrotoluene  
2,6-dinitrotoluene  
di-n-octyl phthalate  
1,2-diphenylhydrazine (as azobenzene)  
fluorene  
fluoranthene  
hexachlorobenzene  
hexachlorobutadiene  
hexachlorocyclopentadiene  
hexachloroethane  
indeno(1,2,3-cd)pyrene  
isophorone  
naphthalene  
nitrobenzene  
N-nitrosodimethylamine  
N-nitrosodi-n-propylamine  
N-nitrosodiphenylamine  
phenanthrene  
pyrene  
1,2,4-trichlorobenzene

#### Acid Compounds

2-chlorophenol  
2,4-dichlorophenol  
2,4-dimethylphenol  
4,6-dinitro-o-cresol  
2,4-dinitrophenol  
2-nitrophenol  
4-nitrophenol  
p-chloro-m-cresol  
pentachlorophenol  
phenol  
2,4,6-trichlorophenol

#### Pesticides

aldrin  
alpha-BHC  
beta-BHC  
gamma-BHC  
delta-BHC  
chlordan  
4,4'-DDT  
4,4'-DDE  
4,4'-DDD  
dieldrin  
alpha-endosulfan  
beta-endosulfan  
endosulfan sulfate  
endrin  
endrin aldehyde  
heptachlor  
heptachlor epoxide  
PCB-1242  
PCB-1254  
PCB-1221  
PCB-1232  
PCB-1248  
PCB-1260  
PCB-1016  
toxaphene

OTHER TOXIC POLLUTANTS  
(METALS AND CYANIDE) AND TOTAL PHENOLS  
(SEE TABLE III, OF 40 CFR 122 APPENDIX D)

Antimony, Total  
Arsenic, Total  
Beryllium, Total  
Cadmium, Total  
Chromium, Total  
Copper, Total  
Lead, Total  
Mercury, Total  
Nickel, Total  
Selenium, Total  
Total Recoverable Thallium, mg/l  
Silver, Total  
Thallium, Total  
Zinc, Total  
Cyanide, Total  
Phenols, Total

TOXIC POLLUTANTS AND HAZARDOUS SUBSTANCES  
REQUIRED TO BE IDENTIFIED BY EXISTING DISCHARGERS  
IF EXPECTED TO BE PRESENT  
(SEE TABLE II, OF 40 CFR 122 APPENDIX D)

Toxic Pollutants

Asbestos

Hazardous Substances

Acetaldehyde	Isoprene
Allyl alcohol	Isopropanolamine
Allyl chloride	Keithane
Amyl acetate	Keponc
Aniline	Malathion
Benzonitrile	Mercaptodimethur
Benzyl chloride	Methoxychlor
Butyl acetate	Methyl mercaptan
Butylamine	Methyl methacrylate
Captan	Methyl parathion
Carbaryl	Mexacarbate
Carbofuran	Monoethyl amine
Carbon disulfide	Monomethyl amine
Chlorpyrifos	Naled
Coumaphos	Napthenic acid
Cresol	Nitrotoluene
Crotonaldehyde	Parathion
Cyclohexane	Phenolsulfanate
2,4-D(2,4-Dichlorophenoxy acetic acid)	Phosgene
Diazinon	Propargite
Dicamba	Propylene oxide
Dichlobenil	Pyrethrins
Dichlone	Quinoline
2,2-Dichloropropionic acid	Resorcinol
Dichlorvos	Strontium
Diethyl amine	Strychnine
Dimethyl amine	Styrene
Dinitrobenzene	TDE (Tetrachlorodiphenylethane)
Diquat	2,4,5-T (2,4,5-Trichlorophenoxy acetic acid)
Disulfoton	2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]
Diuron	Trichlorofan
Epichlorohydrin	Triethylamine
Ethanolamine	Trimethylamine
Ethion	Uranium
Ethylene diamine	Vandium
Ethylene dibromide	Vinyl Acetate
Formaldehyde	Xylene
Furfural	Xylenol
Guthion	Zirconium

*RATIONALE for AMENDMENT 1*

*CDPS GENERAL PERMIT FOR CONSTRUCTION DEWATERING ACTIVITIES*

*CDPS NO. COG-070000, STATEWIDE COVERAGE*

*Update (April 2008)*

*This is the first amendment of the general permit for wastewater associated with construction dewatering which discharge to waters of the State.*

*The most significant changes in this renewal are summarized below.*

- A. The ability of the Division to request a onetime sampling analysis for metals, as well as organics, has been added. The permit writer may request the additional monitoring if information about the facility indicates the potential for groundwater contamination. The Division will review the results of the requested sampling to determine if additional parameters need to be added for permit limitations and monitoring in the certification. Should contamination be detected based on the sampling results, the permittee will be required to instigate remedial activities to become compliant with all relevant stream standards for all parameters and may be required to apply for a Groundwater Remediation Permit, COG-315000. Discharge of contaminated groundwater is not covered under this permit.*
- B. The monitoring frequency of total suspended solids has been changed from monthly to weekly and the monitoring frequency of total dissolved solids from weekly to monthly.*
- C. The ability of the Division to change the monitoring frequencies of the specified effluent limitations has been added. The monitoring frequency may be changed based on site specific and/or discharge specific basis.*

*Maura McGovern  
April 9, 2008*

*PUBLIC NOTICE COMMENTS*

*No Comments were received during the Public Notice Period.*

*Maura McGovern  
June 5, 2008*

**Amended: June 5, 2008    Effective: August 1, 2008    Expiration: November 30, 2011**

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
Martha E. Rudolph, Executive Director

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

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado

Laboratory Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

PETE DOBBS  
ASI CONSTRUCTORS, INC.  
1850 E. PLATTEVILLE BLVD  
PUEBLO WEST, CO 81007

OCTOBER 12, 2010

## RE: Land Development GP03 General Permit Approval for Application Package #247316

Dear Mr. Dobbs:

The Colorado Air Pollution Control Division approves land development general permit registration for the sites listed in the table below. Please refer to general permit GP03 for all applicable requirements, limitations, terms and conditions. A copy of the general permit may be obtained via the Internet at the following web address:  
<http://www.cdphe.state.co.us/ap/landdevelopdocuments.html>.

Sites approved for General Permit GP03 Coverage					
AIRS ID	Site Name	Actual Location	City	County	Approval Expiration
102-0024-002	SOUTHERN DELIVERY SYSTEM	SEC 36 T20S R66W	-	PUEBLO	09/22/2015 12:00:00 AM

Individual Permits Canceled with this GP03 Approval			
AIRS ID	Site Name	Location	Permit No.
102-0024-001	SOUTHERN DELIVERY SYSTEM	SEC 36 T20S R66W	GP03

If you have any questions regarding this letter, please contact me directly at (303) 692-3160.

Sincerely,

Adam Wozniak  
Environmental Engineer  
Stationary Sources Program  
Air Pollution Control Division

Points covered by application package: 247316

General Permit

<u>AIRS ID</u>	<u>Plant Name</u>	<u>Address</u>
102/0024/002	COLORADO SPGS UTIL - S DELIVERY SYSTEM	SEC 36 T20S R66W



# STATE OF COLORADO

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
AIR POLLUTION CONTROL DIVISION  
TELEPHONE: (303) 692-3150

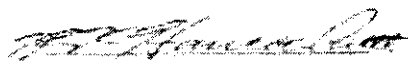


## GENERAL CONSTRUCTION PERMIT

### Land Development Projects

PERMIT NO: GP03

FINAL APPROVAL  
Modification 1

  
R K Hancock III, P.E.  
Permitting Section Supervisor

November 10, 2009  
Date Issued

**Note:** See the Land Development General Permit Guidance document available through the Division's Small Business Assistance Program for further information on demonstrating compliance with the requirements of this permit.

**I. General Permit Applicability**

- I.A. The owner or operator of any land development activity that can comply with all of the operating conditions described in Section II of this permit and meet all requirements of this Section I may register for this general permit.
- I.B. Land development refers to all land clearing activities, including but not limited to land preparation such as excavating or grading, for residential, commercial, or industrial development, or oil and gas exploration and production. Land development does not include mining operations or the disturbance of contaminated soils.
- I.C. Land development activities that are less than 25 contiguous acres and less than 6 months in duration are exempt from permitting and do not need to report air emissions to the Division. For these projects, operators must use appropriate control measures to minimize the release of fugitive dust from the site.

**II. Operating Terms and Conditions**

**II.A. Emission Limitations**

- II.A.1. Project will not exceed 1850 acres in size. Any project over 1850 acres will be subject to a Construction Permit and Public Notice proceedings.

**II.B. General Operating Conditions**

**II.B.1. Particulate emissions Control Plan**

- II.B.1.a. THE FOLLOWING PARTICULATE EMISSIONS CONTROL MEASURES SHALL BE USED FOR ENFORCEMENT PURPOSES ON THE SOURCES COVERED BY THIS PERMIT, AS REQUIRED BY THE AIR QUALITY CONTROL COMMISSION REGULATION NO 1. THIS SOURCE IS SUBJECT TO THE FOLLOWING EMISSION GUIDELINES:

- II.B.1.a.(i) All Activities - Visible emissions not to exceed 20%, no off-property transport of visible emissions.
- II.B.1.a.(ii) Haul Roads - No off-property transport of visible emissions shall apply to on-site haul roads, the nuisance guidelines shall apply to off-site haul roads.
- II.B.1.a.(iii) Haul Trucks - There shall be no off-property transport of visible emissions from haul trucks when operating on the property of the owner or operator. There shall be no off-vehicle transport of visible emissions from the material in the haul trucks when operating off of the property of the owner or operator.
- II.B.1.b. Control Measures
  - II.B.1.b.(i) All unpaved roads and other disturbed surface areas on site must be watered as necessary to prevent off-property transport of visible fugitive particulate emissions.
  - II.B.1.b.(ii) Vehicle speed on all unpaved roads and disturbed areas shall not exceed a maximum of 30 mph. Speed limit signs shall be posted.
  - II.B.1.b.(iii) No earthwork activities shall be performed when the wind speed exceeds 30 miles per hour.
  - II.B.1.b.(iv) All disturbed surface areas shall be revegetated within one year and according to the information submitted by the applicant with the permit application.
  - II.B.1.b.(v) Gravel entryways shall be utilized to prevent mud and dirt carryout onto paved surfaces. Any mud and dirt carryout onto paved surfaces shall be cleaned up daily.
- II.B.1.c. Other control measures *recommended* by the Division, but *not required* for general permitting
  - II.B.1.c.(i) Foundation soil shall be compacted on a daily basis to within 90% of maximum compaction.
  - II.B.1.c.(ii) Silt fencing shall be installed prior to overlotting along all property borders that are adjacent to developed areas.
  - II.B.1.c.(iii) Surface area disturbed shall be minimized as described in the information submitted by the applicant with the permit application.

### III. General Recordkeeping

- III.A. The records in this section shall be maintained on site.
- III.B. The current version of this general construction permit.
- III.C. The most recently submitted Air Pollutant Emission Notice (APEN).
- III.D. The general permit registration approval letter.

### IV. General Permit Terms and Administration

#### IV.A. General Terms

- IV.A.1. Land development owner/operator agreement to Particulate Emissions Control Plan (II.B.1) will result in issuance of general permit approval letter.

IV.A.2. A land development general permit will be valid for five (5) years from the initial date of the approval letter issuance. Any project exceeding five years will be required to file an APEN update after five years.

IV.A.3. One APEN will be submitted per project. Multiple phases may be covered under a single APEN provided that the entire project is less than the 1850 acres.

IV.A.4. APEN and General Permit Fees

IV.A.4.a. Total fees for a land development APEN and General Permit will be \$202.90. These fees will arise from two sources:

IV.A.4.a.(i) An APEN filing fee in the amount of \$152.90 per APEN filed (Please note that the APEN filing fee is subject to change by the Colorado State Legislature) and

IV.A.4.a.(ii) A general permit fee of \$50.00 for each APEN filed.

IV.A.5. A revised Air Pollutant Emission Notice (APEN) shall be filed: (Reference: Regulation No. 3, Part A, Section II.C.)

IV.A.5.a. Whenever there is a change in the owner or operator of any facility, process, or activity; or

IV.A.5.b. No later than 30 days before the five-year term of the existing APEN expires.

IV.A.6. This permit is granted subject to all rules and regulations of the Colorado Air Quality Control Commission and the Colorado Air Pollution Prevention And Control Act C.R.S. (25-7-101 et seq), to those general and specific terms and conditions included in this document.

IV.A.7. Unless specifically stated otherwise, the general and specific conditions contained in this permit have been determined by the Division to be necessary to assure compliance with the provisions of Section 25-7-114.5(7)(a), C.R.S.

IV.A.8. Each and every condition of this permit is a material part hereof and is not severable. Any challenge to or appeal of, a condition hereof shall constitute a rejection of the entire permit and upon such occurrence, this permit shall be deemed denied ab initio.

IV.A.9. Violation of the terms of a permit or of the provisions of the Colorado Air Pollution Prevention and Control Act or the regulations of the AQCC may result in administrative, civil or criminal enforcement actions under Sections 25-7-115 (enforcement), -121 (injunctions), -122 (civil penalties), -122.1 (criminal penalties), C.R.S.

IV.A.10. Registration under this permit is approved in reliance upon the accuracy and completeness of information supplied by the applicant and is conditioned upon operation of the source, in accordance with this information and with representations made by the applicant or applicant's agents. It is valid only for the equipment and operations or activity specifically identified on the general permit registration.

IV.B. Registration Certification

IV.B.1. Conditional certification of a registration under this general permit is effective from the date the complete registration request is received by the Division. A complete registration request consists of all General Permit application materials required by the Division including, but not limited to, an impact analysis that demonstrates, that the APEN requested emissions from the proposed source or modification will not cause or contribute to concentrations of air pollutants in ambient air in violation of any applicable state or national ambient air quality standard. The owner or operator may commence construction and operation of the land development project as represented in the registration upon submission of the completed registration request. In the

event the land development project does not qualify for registration under the general permit or is demonstrated to violate an applicable ambient air quality standard, the owner or operator accepts the liability of commencing these activities.

**IV.C. Registration Modification**

IV.C.1. In order to modify operations under the general permit, the owner or operator must submit a new general permit application and APEN to the Division. This application will detail the changes being made to the project. Reasons for submitting a modification include, but are not limited to:

IV.C.1.a. Increase in project size resulting in greater emission.

IV.C.1.b. Increase in the duration of the project resulting in fugitive particulates being released longer than initially reported.

IV.C.1.c. An increase in the amount of paving being performed on the site.

IV.C.1.d. A decrease in dust control measures being implemented from those initially reported.

**IV.D. Registration Revision / Termination**

IV.D.1. The Division may deny or revoke registration under the general permit under the circumstances specified in Regulation No. 3, Part B, Section III.I.3.c.

IV.D.2. A registration under this general permit may be reissued to a new owner by the Division as provided in Regulation No. 3, Part B, Section II.B. upon a request for transfer of ownership and the submittal of a revised APEN and the required fees.

IV.D.3. Registration under this general permit is voluntary. The permittee may withdraw or cancel a registration under this general permit at any time by notifying the Division in writing.

**IV.E. General Permit Revision / Termination**

IV.E.1. This general permit remains in effect until revised or terminated by the Division in accordance with the provisions of Regulation No. 3.

IV.E.2. After public notice and comment as provided by Regulation No. 3, Part B, Section III.I.7., the Division may revise this general permit in order to add or delete requirements or limitations to the permit. This public notice shall be conducted in a manner consistent with the provisions of Regulation No. 3, Part B, Section III.C.4.

IV.E.3. If a revised general permit is issued by the Division, any existing registration to use the general permit will be automatically converted to a registration to use the revised general permit, provided that the permittee continues to meet all requirements of the revised general permit. Persons not wishing to continue coverage under the revised general permit shall have the option of applying for an individual permit as required by Regulation No. 3, Part B.

IV.E.4. If the Division terminates this general permit, it will provide written notice to affected registrants prior to the termination of the general permit. The notice will advise registrants that they must apply for an individual permit as required by Regulation No. 3, Part B.

**Permit History**

Final Approval issued October 17, 2008.

Modification 1: Removal of requirement that owner or operator receive Division approval prior to commencement of project.