

Aggregate Concrete Recycling LLC
Air Quality Management Plan

6.3.1(B)(2)(a) General Requirements:

Asphalt Concrete Recycling LLC (“ACR”) will operate an asphalt and concrete recycling facility that will include sales of the finished product from the same site. The raw material will consist of large pieces of broken asphalt and concrete from construction projects throughout the El Paso County area. This raw material will be crushed and re-used for other construction project needs such as road base, material to supplement raw aggregates in new asphalt production, compacted fills and to supplement demands for raw sand and gravel in the market area.

Throughout the life of this facility the only expected emission sources are particulates in dust created during processing, stockpiling and hauling of finished products. Water spray from spray bars will be used to control dust during processing. The site will have a 10,000-gallon water surge tank to provide water to the crusher and screens. A 4,000-gallon water spray truck will operate on the roads and stockpile areas to control dust created by traffic on the site. The driveway entrance from Janitell Road and the road to the mobile office and scales will be paved with asphalt to control track-out of material onto surrounding public roads. The service road continuing from the scales and around the perimeter of the site will be constructed with a gravel base. Speed limits on the facility will be posted as 15 MPH.

6.3.1(B)(2)(b) Submission of Supplemental Documentation:

ACR has attached hereto a copy of the Air Pollution Emissions Notice form (“APEN”) filed with the Colorado Department of Health and Environment on September 20, 2019. The Applicant will provide a copy of the APEN as soon as it is issued by the State.

6.3.1(B)(3) Review of Air Quality Plan by County Departments:

ACR understands this requirement.

6.3.1(C)(1) Compliance with EPCPH Regulations:

ACR understands this requirement.

6.3.1(C)(2) Compliance with Air Pollution Control Regulations:

ACR is in compliance with this requirement.

6.3.1(C)(3) Relationship to Paving Requirements for Roads:

There are no gravel roads around the property that need to be paved. All roads in the industrial area surrounding this facility are paved. The roads on the 12.87 acre site will be graveled and watered. The entrance will be paved from Janitell Road to the mobile office and scales, and the parking lot at the mobile office will also be paved.

6.3.1(C)(4) Fugitive Dust During Construction:

This is not a development site. It is an empty Industrial zoned parcel that has a gravel surface that will be used to operate the asphalt and concrete recycling facility. There is no grading or shaping required, only maintenance of the existing gravel covering. The dust control measures discussed in Section 6.3.1(B)(2)(a) above will reasonably and adequately control any dust generated by the facility.

6.3.1(C)(5) Haul Trucks and Haulage Equipment:

- (a) The facility road will be graveled, and the gravel will be replaced to prevent dust and carry out during wet times onto surrounding public roads. The entrance for the paved road to the scales and mobile office parking area will be paved and swept as needed. If dirt, mud or debris is carried out of the facility it will be removed as quickly as possible by the operator.
- (b) All loads leaving the site will be tarped as required by State Law to prevent material from blowing during transit.

6.3.1(C)(6)(a) No Open Burning without Permit:

No burning of rubbish, wastepaper, wood, or other flammable material will be done at this facility.

(C)(6)(b) Prescribed Burning of Slash Piles:

No prescribed burning of slash piles or broadcast burns will take place on this property. There are no brush or trees to be removed.



Mining Operations APEN – Form APCD-222

Air Pollutant Emission Notice (APEN) and Application for Construction Permit

All sections of this APEN and application must be completed for both new and existing facilities, including APEN updates. Incomplete APENs will be rejected and will require re-submittal. *Your APEN will be rejected if it is filled out incorrectly, is missing information, or lacks payment for the filing fee. The re-submittal will require payment for a new filing fee.*

This APEN is to be used for mining operations (i.e. quarries, pits, or mines). This APEN may also be used to report haul road activities at non-mining facilities. Additional APENs may be required for process equipment located at the mine. A specialty APEN may be available for the process equipment (e.g. asphalt plant, crusher/screen, concrete batch plant, engines, etc.). In addition, the General APEN (Form APCD-200) is available if the specialty APEN options will not satisfy your reporting needs. A list of all available APEN forms can be found on the Air Pollution Control Division (APCD) website at: www.colorado.gov/cdphe/apcd.

This emission notice is valid for five (5) years. Submission of a revised APEN is required 30 days prior to expiration of the five-year term, or when a reportable change is made (significant emissions increase, increase production, new equipment, change in fuel type, etc.). See Regulation No. 3, Part A, II.C. for revised APEN requirements.

Permit Number: _____ AIRS ID Number: _____ / _____ / _____
[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 1 - Administrative Information

Company Name ¹ :	<u>Asphalt Concrete Recycling LLC (ACR)</u>		
Mine/Pit Name:	<u>ACR Recycle Facility</u>		
Mine/Pit Location:	<u>2104 Janitell Road</u>	Mine/Pit Location	<u>El Paso</u>
	<u>Colorado Springs, CO 80906</u>	County:	
		NAICS or SIC Code:	<u>212321</u>
Mailing Address:	<u>235 South Franceville Coal Mine Rd</u>		
(Include Zip Code)	<u>Colorado Springs, CO 80929</u>	Contact Person:	<u>Perry Hastings</u>
		Phone Number:	<u>602-558-0846</u>
		E-Mail Address ² :	<u>HastingsConstructionCO@gmail.com</u>

¹ Use the full, legal company name registered with the Colorado Secretary of State. This is the company name that will appear on all documents issued by the APCD. Any changes will require additional paperwork.

² Permits, exemption letters, and any processing invoices will be issued by the APCD via e-mail to the address provided.

Section 2 - Requested Action

- ☒ NEW permit OR newly-reported emission source
- OR -
- ☐ MODIFICATION to existing permit (check each box below that applies)
- | | | |
|---------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> Change fuel or equipment | <input type="checkbox"/> Change company name ³ | <input type="checkbox"/> Add point to existing permit |
| <input type="checkbox"/> Change permit limit | <input type="checkbox"/> Transfer of ownership ⁴ | <input type="checkbox"/> Other (describe below) |
- OR -
- ☐ APEN submittal for update only (Note blank APENs will not be accepted)
- ADDITIONAL PERMIT ACTIONS -
- ☐ APEN submittal for permit exempt/grandfathered source

Additional Info & Notes: This is not a mining operation it is a site that processes tear out concrete/asphalt into recycled materials. Material comes to the plant site for processing from construction projects.

³ For company name change, a completed Company Name Change Certification Form (Form APCD-106) must be submitted.

⁴ For transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

Section 3 - General Information

General description of the activity (additionally, provide a topographic site map):

This is a recycled material processing area where tear out from roads, parking lots and other sources that is crushed and screened to use in producing other paving and road base materials.

In Section 4D this is how much broken concrete/asphalt material is delivered per day, not mined.

For existing sources, operation began on: _____

For new or reconstructed sources, the projected start-up date is: September 30, 2019

Normal Hours of Source Operation: 12 hours/day 6 days/week 50 weeks/year

Seasonal use percentage: Dec-Feb: 25 Mar-May: 25 Jun-Aug: 25 Sep-Nov: 25

Commodity Produced: (check each box below that applies - as indicated on the applicable Division of Minerals and Geology Permit)

- ☐ Aggregate / Sand and Gravel
- ☐ Stone
- ☐ Coal
- ☐ Minerals or Metals (type): _____
- ☒ Other (describe): concrete & asphalt tearout

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4 - Processing/Manufacturing Information & Material Use

☐ Check this box if APEN is for Haul Roads only (not located at a mining site) and complete the applicable sections, Section 4H - Raw Material Transport and/or Section 4I - Finished Product Transport on pages 6 and 7. Otherwise complete all of Section 4.

From what year is the actual annual amount? 2019

Actual Annual Production (tons)	0
Requested Annual Production ⁵ (tons)	350,000

⁵ Requested values will become permit limitations. Requested limit(s) should consider future process growth.

Section 4A - Topsoil

Removal	Stockpile(s)
Topsoil removed daily (tons) <u>NA</u>	Maximum stored on site (tons) <u>NA</u>
Topsoil removed annual (tons) _____	Proposed controls for topsoil stockpile
Proposed controls for topsoil removal	<input type="checkbox"/> Watering
<input type="checkbox"/> Moist Material	<input type="checkbox"/> Chemical Stabilizer
<input type="checkbox"/> Water Spray	<input type="checkbox"/> Compacting of Piles
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Enclosures (choose one option from below)
	<input type="checkbox"/> Complete <input type="checkbox"/> Partial
	<input type="checkbox"/> Revegetation (must occur within one year of site disturbance)
	<input type="checkbox"/> Other (specify) _____

Section 4B - Overburden

Removal	Stockpile(s)
Equipment used for removal <u>NA</u>	Maximum stored on site (tons) _____
Tons removed by dragline (daily) _____	Proposed controls for overburden stockpile
Tons removed by dragline (annual) _____	<input type="checkbox"/> Watering
Dragline drop height (feet) _____	<input type="checkbox"/> Chemical stabilizer
Hours scraper operated (daily) _____	<input type="checkbox"/> Compacting of piles
Hours scraper operated (annual) _____	<input type="checkbox"/> Enclosures (choose one option from below)
Proposed controls for overburden removal	<input type="checkbox"/> Complete <input type="checkbox"/> Partial
<input type="checkbox"/> Moist material	<input type="checkbox"/> Revegetation (must occur within one year of site disturbance)
<input type="checkbox"/> Water Spray	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Other (specify) _____	

Permit Number: _____

AIRS ID Number: _____

/ /

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4C - Drilling and Blasting

Drilling	Blasting
Number of holes drilled (daily) <u>none</u>	Blast area (acres) <u>none</u>
Number of holes drilled (annual) _____	Number of blasts (daily) _____
Proposed controls for drilling	Number of blasts (annual) _____
<input type="checkbox"/> Water injection	Type of blasting material _____
<input type="checkbox"/> Bag collectors	Blasting material used (daily) _____
<input type="checkbox"/> Other (specify) _____	Blasting material used (annual) _____

Section 4D - Raw Material

Removal	Stockpile(s)
Material removed daily (tons) <u>5,000</u>	Maximum stored on site (tons) <u>100,000</u>
Material removed annual (tons) <u>350,000</u>	Proposed control for raw material stockpile
Maximum drop height (feet) <u>10</u>	<input type="checkbox"/> Watering
Specific moisture content (%) <u>10</u>	<input type="checkbox"/> Chemical stabilizer
Proposed controls for raw material removal	<input type="checkbox"/> Compacting of piles
<input type="checkbox"/> Moist material	<input type="checkbox"/> Enclosures (choose one option from below)
<input type="checkbox"/> Water spray	<input type="checkbox"/> Complete <input type="checkbox"/> Partial
<input checked="" type="checkbox"/> Other (specify) <u>large pieces of concrete or asphalt</u>	<input checked="" type="checkbox"/> Other (specify) <u>large pieces of concrete or asphalt</u>

Section 4E - Conveyors and Transfer Points (not assigned to process equipment)

Include a map detailing the conveyor system layout within the site.

Conveying	Transfer Points
Material conveyed daily (tons) _____	Number of transfer points _____
Material conveyed annual (tons) _____	Proposed controls for transfer points
Proposed controls for conveyors	<input type="checkbox"/> Watering
<input type="checkbox"/> Enclosures (choose one option from below)	<input type="checkbox"/> Chemical stabilizer
<input type="checkbox"/> Complete <input type="checkbox"/> Partial	<input type="checkbox"/> Enclosures (choose one option from below)
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Complete <input type="checkbox"/> Partial
	<input type="checkbox"/> Other (specify) _____

Section 4F - Processing Equipment

Will processing (i.e., crushing, screening, etc.) occur on site? (yes/no) yes

If you answered "No" above (i.e. no processing/manufacturing equipment will be located on site) check the box below and skip to page 6, Section 4G - Finished Product.

☐ Check this box if no process equipment is located on site.

List any additional emission sources and related controls (e.g. concrete batch plants, crushers/screens, engines, conveyors and transfer points associated with process equipment, asphalt plants, etc.). Additional APENs for any such equipment may be required. The following specialty APENs are available: Form APCD-224 Concrete Batch Plant APEN, Form APCD-221 Crusher/Screen APEN, Form APCD-233 Compression Ignition Engine APEN. If a specialty APEN is not appropriate for the additional equipment, use Form APCD-200 General APEN.

Additionally, complete the section below regarding crushing and screening performed on site.

Emission Source (or equipment type)	Control Equipment Description	Permit Number (if available)
At this time there is no	processing equipment at the facility.	
Portable equipment will be	used to process materials.	

Primary Crushing

Maximum crushed per year (tons) 350,000
 Design process rate (tons/hour) 400
 Duration of daily crushing (hours) 12

Secondary Crushing

Maximum crushed per year (tons) _____
 Design process rate (tons/hour) _____

Proposed control for crushing

- ☐ Moist material
☒ Water spray
☐ Enclosures (choose one option from below)
 ☐ Complete ☐ Partial
☐ Other (specify) _____

Screening/Classifying

Maximum screened per year (tons) _____
 Design process rate (tons/hour) _____
 Duration of daily screening (hours) _____

Secondary Screening/Classifying

Maximum screened per year (tons) _____
 Design process rate (tons/hour) _____

Proposed control for screening

- ☐ Moist material
☐ Water spray
☐ Enclosures (choose one option from below)
 ☐ Complete ☐ Partial
☐ Other (specify) _____

Note: Completion of this section does not relieve the applicant from the requirement to submit APEN forms for process equipment subject to APEN or permitting requirements.

Permit Number: _____ AIRS ID Number: _____ / _____ / _____
[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4G - Finished Product

Stockpile(s)

Maximum stored on site (tons) 150,000

Proposed control for finished product stockpile

- ☐ Watering
- ☐ Chemical stabilizer
- ☐ Compacting of piles
- ☐ Enclosures (choose one option from below)
- ☐ Complete ☐ Partial
- ☐ Revegetation (must occur within one year of site disturbance)
- ☒ Other (specify) recycled concrete/asphalt is stable

Section 4H - Raw Material Transport (raw material removal to stockpiles)

Annual on-site transfer: 350,000 tons

	<u>Haul Vehicle 1</u>	<u>Haul Vehicle 2</u>	<u>Haul Vehicle 3</u>	
Haul vehicle capacity:	<u>25</u>	_____	_____	tons
Haul vehicle empty weight:	<u>18</u>	_____	_____	tons
Max number of trips per day:	<u>300</u>	_____	_____	
Haul road length (avg. one way):	<u>500</u>	_____	_____	feet
Posted speed limit on haul road:	<u>15</u>	_____	_____	mph

List all air pollution controls used for the haul roads:

- ☐ Paved Surface
- Street sweeping: ☐ No ☐ Yes
- ☒ Unpaved Surface
- Watering: ☐ None ☐ As needed ☒ Frequent⁶: 2+ times/day
- Surface is graveled: ☐ No ☒ Yes
- Chemical stabilizer applied: ☐ No ☐ Yes Type: _____
(e.g. mag chloride, resin, etc.)

⁶ If "Frequent" is selected, your permit may include a requirement to water haul roads daily as often as listed in this APEN.

Permit Number: _____ AIRS ID Number: _____ / _____ / _____
 [Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4I - Finished Product Transport

Annual off-site transfer: 350,000 tons

	Haul Vehicle 1	Haul Vehicle 2	Haul Vehicle 3	
Haul vehicle capacity:	<u>25</u>	<u>16</u>	<u>5</u>	tons
Haul vehicle empty weight:	<u>15</u>	<u>12</u>	<u>6</u>	tons
Max number of trips per day:	<u>110</u>	<u>20</u>	<u>20</u>	
Haul road length (avg. one way):	<u>500</u>	<u>500</u>	<u>500</u>	feet
Posted speed limit on haul road:	<u>15</u>			mph

List all air pollution controls used for the haul roads:

☐ Paved Surface

Street sweeping: ☐ No ☐ Yes

☒ Unpaved Surface

Watering: ☐ None ☐ As needed ☒ Frequent⁶: 2+ times/day

Surface is graveled: ☐ No ☒ Yes

Chemical stabilizer applied: ☒ No ☐ Yes Type: _____
 (e.g. mag chloride, resin, etc.)

⁶ If "Frequent" is selected, your permit may include a requirement to water haul roads daily as often as listed in this APEN.

Section 5 - Site Information

Geographical Coordinates (Latitude/Longitude or UTM)
<u>39.804500dN, 104.794900dW</u>

Attach a topographic site map indicating location.

Total site area (acres): 12.87

Total disturbed site area (acres): 12.87

Proposed site controls

☒ Watering (choose one option from below)

☒ Frequent (2 or more times per day)

☐ As needed

☐ Chemical stabilizer

☐ Revegetation (must occur within one year of site disturbance)

☐ Seeding with mulch

☐ Seeding without mulch

☒ Other (specify) graveled area

Permit Number: _____

AIRS ID Number: _____

/ /

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 6 - Applicant Certification

I hereby certify that all information contained herein and information submitted with this application is complete, true, and correct.

Signature of Legally Authorized Person (not a vendor or consultant)

Date

Perry Hastings

Manager

Name (print)

Title

Check the appropriate box to request a copy of the:

☒ Draft permit prior to issuance

☐ Draft permit prior to public notice

(Checking any of these boxes may result in an increased fee and/or processing time)

This emission notice is valid for five (5) years. Submission of a revised APEN is required 30 days prior to expiration of the five-year term, or when a reportable change is made (significant emissions increase, increase production, new equipment, change in fuel type, etc.). See Regulation No. 3, Part A, II.C. for revised APEN requirements.

Send this form along with \$191.13 to:

Colorado Department of Public Health and Environment
Air Pollution Control Division
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

For more information or assistance call:

Small Business Assistance Program
(303) 692-3175 or (303) 692-3148

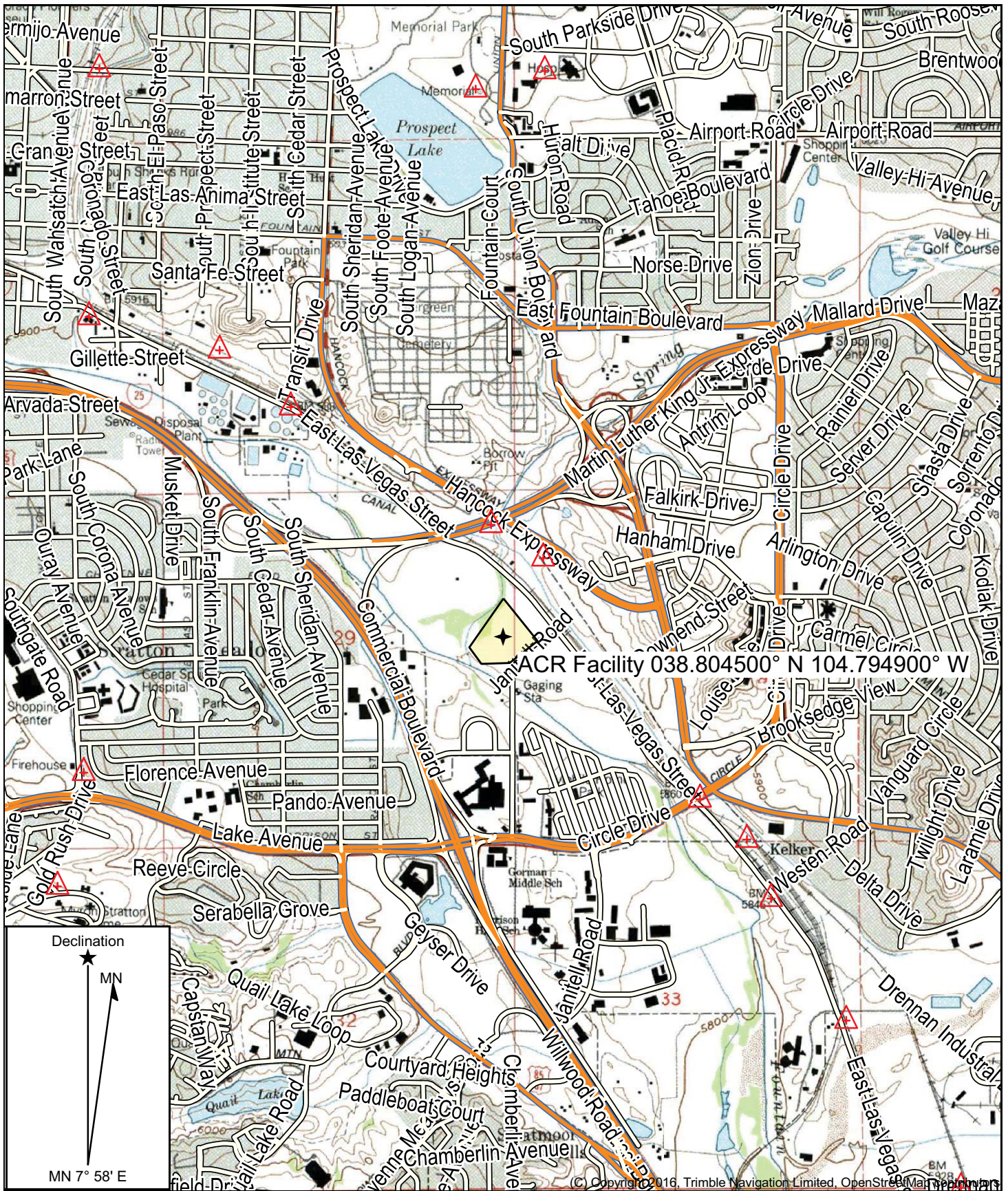
APCD Main Phone Number
(303) 692-3150

Make check payable to:

Colorado Department of Public Health and Environment

Or visit the APCD website at:

<https://www.colorado.gov/cdphe/apcd>



Name: COLORADO SPRINGS

Date: 09/13/19

Scale: 1 inch = 2,000 ft.

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 Navigation Limited

LOCATION: Part of the SW1/4NW1/4 of
 Section 28, and Part of the SE1/4NE1/4
 SECTION 29, T-14-S, R-66-W, 6th P.M., EL
 PASO, COUNTY, COLORADO

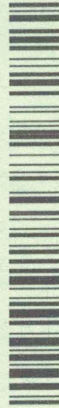
Asphalt Concrete Recycling LLC
Air Permit - Location map
ACR Recycle Facility

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Colorado Dept. of Pollution
ABCD SSB1
4300 Cherry Creek Drive S
Denver CO 80246



9590 9402 3743 7335 9764 27

2. Article Number (Transfer from service label)

17 3380 0000 4864 3996

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

RECEIVED

SEP 20 2019
7:27 AM

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?
If YES, enter delivery address below: ☐ Yes ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt