

## **Asphalt and Concrete Recycling LLC Operations & Recycling Plan**

- I. Name, address, and work telephone number of the onsite operator and a brief description of his or her qualifications and responsibilities for the management and safe operation of the facility.**

Perry Hastings  
235 Franceville Coal Mine Road  
Colorado Springs, CO 80929  
602-558-0846 (cell)  
719-332-8588 (office)

Mr. Hastings has 40+ years' experience in the aggregate hauling and road construction industry and has Mine Safety Health Administration ("MSHA") training applicable to handling road construction material including asphalt and concrete. Mr. Hastings will oversee all operations of the facility.

- II. Days and hours of operation.**

The business will be open from 6:00 a.m. to 6:00 p.m. Monday through Friday and may receive deliveries of raw materials outside those hours when commercial or government construction projects are scheduled in the evening and overnight.

- III. Tipping fee schedule, to be updated as needed.**

There will be no tipping fees for this operation.

- IV. List of all equipment on site along with number and job descriptions of personnel on site.**

A mobile office and a set of commercial truck scales will be located on the southeast side of the site. A mobile crusher will be placed near the center of the site.

Raw material will be processed using the mobile crusher provided and operated by Colorado Crushing, Inc. 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.

Two full-time employees will be on site from 7:00 am to 5:00 pm Monday through Friday. The facility will have a loader and a water truck on site for daily use. One employee will operate the loader, and one employee will operate the water truck.

ACR's contractor, Colorado Crushing, Inc., will conduct crushing activities four times per year from 7:00 am to 5:00 pm Monday through Friday. Colorado Crushing will provide a loader, skid steer, track hoe and crusher. Three of Colorado Crushing's employees will be on site during crushing. One will operate the loader, one the track hoe, and the other will operate the crusher.

**V. Any provision for a small (non-commercial) vehicle tipping area or recycling center.**

Not applicable.

**VI. Depiction of the proposed sign at the facility entrance identifying the wastes the facility can and cannot accept, the hours of operation, business and emergency telephone numbers, the posted location of the Certificate of Designation, the operational plan and the site development plan, and any other pertinent information.**

Not applicable. No signs will be installed.

**VII. Record-keeping and reporting practices, acceptable to the CDPHE and El Paso County.**

The scale house has an operating system that automatically does invoicing from the scale operator's data input while a truck is on the scales. Customers will be invoiced for processed material and mail their payments to a separate business office.

All the records will be kept at the scale house and the computer software will automatically upload nightly to a cloud-based back up file. Bookkeeping will be done in QuickBooks using data imported from the scale software. The scale operator will be responsible for ensuring this data is imported on a regular basis. Payroll will be process bi-weekly by Alerion.

**VIII. Safety and access control, including fencing, road and driveway maintenance, vehicular inspections, control of public activity, locked gates, etc.**

Vehicles will enter the facility from Janitell Road via a paved driveway, which will continue onto a 30' wide service road that circles the outer perimeter of the premises and will accommodate two-way traffic. Vehicles will exit the Property at the same location as they enter. The speed limit on the service road will be 15 mph. The driveway entrance and the road to the mobile office and scales will be paved with asphalt, and the service road continuing from the scales and around the perimeter of the Property will be installed and maintained with a gravel surface to prevent erosion and provide dust control. The driveway entrance and service road will be graded and maintained on a regular basis to ensure safety and clear access to, from, and around the premises.

Employees will be onsite during regular business hours to inspect and weigh trucks delivering raw material to the facility, as well as those picking up processed material. The facility will not be open to the public, and only persons delivering raw material or picking up processed material will be allowed onsite.

The Property will be surrounded by a 6' high chain link fence, which will comply with any applicable flood plain requirements. The driveway will be gated and locked when the business is closed to prevent unauthorized entry.

**IX. Drinking water and sanitary provisions.**

An underground cistern will be installed outside the office to hold non-potable water and will be filled as needed. Bottled water for drinking will be provided inside the office. An underground wastewater holding tank will be installed outside the office as approved by the El Paso County Health Department. A professional service company will provide wastewater service for the facility – currently TCS Septic Pumping.

**X. Any provision for showers and dressing room and similar facilities for employees.**

Employees will be onsite during normal business hours only. No dressing room or shower facilities will be needed or provided.

**XI. Control of nuisance situations, including regular policing of litter in and around the facility, including adjacent roadways, and controls in relation to high winds, unsecured loads, vectors (insects, rodents, etc.), odor, dust, noise, lights, illegal dumping and minor fire.**

The following controls will be maintained for nuisance conditions at the site:

**Dust Control**

Dust will be controlled at the site by the application of water on the inert materials and on roadways. A water truck will be available at the site and will be used as necessary to water the roads and working areas. All trucks leaving the site will be advised to cover their loads.

**Litter and Vector Control**

Litter is not expected to be a significant concern due to the types of materials brought on site, which will not contain typical municipal solid waste or litter. A dumpster will be placed on site to contain waste cans, empty clean drums and similar waste. Employees will be instructed to place daily waste into the containers. A commercial disposal operated supplied dumpster will be located on site for filling with small amounts of debris that is incidental to the inert material delivery. The contents of the dumpster will be picked up by a commercial hauler on a regular schedule for disposal at a solid waste disposal facility designed for garbage. The material accepted at this facility will not attract insects, rodents or other vermin because it contains no food for those pests.

**Odor Control**

The material received and processed at this facility does not emit odors before or after processing. No odors are generated by processing. No putrescible waste will be processed at this facility.

**Noise**

Noise at the site should be limited to the use of the equipment and trucks on the property. All equipment will be maintained and have appropriate muffling devices. There is little population in the immediate area and the business will comply with the El Paso County noise standards associated with this zone district.

**Lighting**

The facility operates during daylight hours only. The only light needed is shown on the Site Development Plan.

**Illegal Dumping**

The facility will be surrounded by a chain link fence and the gate will be locked when the facility is closed. This fence will be maintained at all times to prevent illegal dumping.

**Minor Fires**

The materials placed on the site are inert material and do not burn. If a fire occurs on site, the water truck will be available to spray any grass or foliage that might burn, or processed materials will be used to smother the fire. Each piece of equipment on site will have a fire extinguisher on board for use in the event of an equipment or small fire.

**XII. Contingency plan to be followed in the event of essential equipment (compactor, bailer, tire shredder, etc.) breakdown, including prospect of temporary closure.**

None of the equipment used at this site is critical to the facility's operation if it breaks down. If needed deliveries of raw material will be halted until processing can resume.

**XIII. Waste screening, including procedures and practices, recognized by the industry and federal government, for hazardous, radioactive and explosive wastes identification or detection and for isolation and removal along with requirements for a certified or EPCPH approved instructional program for employees for handling hazardous, radioactive and explosive wastes situations and establishment of proper notification and reporting procedures to appropriate federal, State and local agencies.**

The facility will accept only raw material consisting of large pieces of broken concrete and asphalt from construction projects. No hazardous, radioactive or explosive wastes will be accepted. The onsite employees will be trained and instructed to turn away any material that is not composed entirely of asphalt or concrete.

Each load will be inspected prior to dumping to determine if materials are accepted at this facility. If during this initial inspection the load is deemed acceptable it will be sent to the dump site. If the load is deemed unacceptable it will be sent to the nearest facility that can accept the material. Once the load is dumped it will again be inspected and if unacceptable items are found they will be returned to the delivering truck for removal from the site.

**XIV. Contingency plan for short-term and long-term closure in the event of a hazardous, radioactive, explosive wastes or other emergency.**

There is nothing associated with the concrete and asphalt that will be recycled at this facility that would suggest a need to shut the facility down under an emergency. The site is laid out to contain any and all material on the site using the isolation berms or ditches surrounding the site and the drainage containment basin. In the unlikely event of an emergency, the facility can be locked to prevent entry and removal of any materials until it is determined what remedy is needed to clean up the site.

**XV. Storage standards and spill response procedures for fluids such as oil, gasoline, and solvents used at or received by the facility, acceptable to the Sheriff's Office, local fire department, and the CDPHE and EPCPH.**

No oil, gasoline, or solvents will be stored on the business premises, and no oil, gasoline, or solvents will be received by the facility. A service truck is used to fuel and maintain the equipment on the site.

**XVI. Fire control and emergency response procedures and training, including the handling of hot loads delivered to the site, fires originating within a structure, any tire piles or landfill area, fires caused by on site equipment, etc. Said procedure is to indicate specific provisions to control fires acceptable to the County Fire Marshal and the fire department.**

The Stratmoor Hills Fire Protection District will provide fire protection services for the facility. This facility accepts no materials that are prone to fire. Should a fire start the fire department will be called. The fire will then be contained using the water truck or other equipment until the fire department arrives.

The crusher meets all U.S. Department of Labor Mine Safety & Health Administration requirements for safety and fire prevention.

**XVII. Medical response capabilities, including onsite first aid and availability of ambulance service, for employees, trash haulers, and customers.**

Emergency medical response and ambulance service will be provided to the facility by the Stratmoor Hills Fire Protection District.

**XVIII. Methods of monitoring and abating potentially explosive gases and subsequent recording and reporting, acceptable to the CDPHE and El Paso County.**

This is not a land fill operation and will not accept materials that could create potentially explosive gasses. All material delivered to the facility is processed and hauled off site and is considered inert material.

**XIX. Methods and procedures for monitoring groundwater quality and subsequent recording and reporting, acceptable to the CDPHE and El Paso County.**

No groundwater monitoring is planned because this facility accepts only material that is classified as inert material. No petroleum products or other chemicals are associated with or generated by processing the raw materials.

**XX. Methods by which liquids, including leachate, associated with the facility will be monitored, captured and properly disposed along with subsequent recording and reporting, acceptable to the CDPHE and El Paso County.**

There is no leachate associated with the raw or processed concrete and asphalt materials that will be made at this site. The site will be surrounded by an isolation berm/ditch system that directs any rainwater runoff into a containment/evaporation basin. Typically the runoff contains particulates that settle out once the water quits flowing. The containment basin will be cleaned as needed.

**XXI. Procedures for conducting and reporting any studies, tests and inspections, including the quality assurance and quality control program, required by the CDPHE and El Paso County.**

Upon receipt of a request for the conduction or reporting for any studies, test or inspections, the facility operator will review the request and take the necessary action to provide the requested information. This may include contacting and retaining outside consultants to provide the requested reports, studies or inspections.

**XXII. Inclusion of any other provisions in compliance with the conditions and requirements applicable to the specific type of facility.**

Upon receipt by the operator of any other provisions or requirements, they will be reviewed and incorporated into the operations plan as needed.

**XXIII. Inclusion of any other provisions in compliance with any operational requirements mandated by federal or State law or regulation or local requirements.**

The facility will process a quantity of material annually that is within the limits of its State of Colorado air emission approval as may be amended from time to time. The Site Development Plan provides detail about the operation design of the facility.

**XXIV. Other elements, components and procedures which may be unique to the type of facility proposed.**

None.

**XXV. Interim storage of all solid wastes awaiting transport to a Solid Wastes Disposal Site and Facility and all materials to be recycled.**

All raw materials will be stockpiled on the site until sufficient material is accumulated to require processing. The processed material will be held for sale based on market demand.

**XXVI. Information regarding the proposed acquisition, location, and operation of any heavy equipment or machinery to be used in the operation.**

All equipment to be used at the facility is owned by the facility operator. The processing equipment is currently owned by Colorado Crushing, Inc.

**XXVII. The parking location of any temporarily parked material trucks or material transfer vehicles.**

No onsite truck parking is planned. We anticipate that all haul and delivery trucks will be owned by other companies or persons. The only parking on site will be temporary parking for the processing equipment during those times processing is taking place. The facility loaders and water truck will be parked near the scale during closed hours.

**XXVIII. All methods of cleaning the facility and equipment.**

We do not anticipate a need to clean this facility. BMPs in place for the Storm Water Management Plan, and good general housekeeping practices will be employed at the site to maintain an orderly, clean and neat operation.

**XXIX. A detailed building plan showing the operational design of the facility.**

No permanent buildings are planned for this facility. Only a scale and portable scale house trailer will be at the facility, the locations of which are shown on the Site Development Plan.

**XXX. Information relating the primary means of selling or disposing of recycled materials and the proposed site for final disposal of the residual solid wastes.**

The re-crushed concrete and asphalt will be sold for local construction projects needing road base or underlayment for roads and parking lots, etc. All sales will be by the ton thru the onsite scale and ticketing procedures for the facility. These materials are marketed by the company to many large construction companies in the market area or to local citizens who may need this material for private projects.

**XXXI. An alternative ultimate disposal plan to be carried out in the event that the operation is not or cannot be conducted as proposed.**

In the event the recycling operation is not or cannot be conducted as proposed the concrete and asphalt will have to be disposed in a landfill or some other facility that can accept the material.

A copy of the approved operations plan will be maintained at the facility. Copies of the approved operations plan shall be placed on file at the PCD and with the local fire department.