

Staff Report
August 3, 2010

Compliance Plan for RCS Storage

GENERAL INFORMATION

APPLICANT	RCS Storage LLC
REQUEST	Compliance Plan pursuant to Rapid City Municipal Code Section 8.38.030
LOCATION	1221, 1314 & 1408 Fountain Plaza Drive
DATE OF APPLICATION	July 16, 2010
REPORT BY	Keri Schiferl, Air Quality Specialist

RECOMMENDATION

Staff recommends that the Air Quality Board approve the RCS Storage Compliance Plan.

GENERAL COMMENTS

The RCS Storage Compliance Plan Permit expired on July 10, 2010. The RCS Storage facility is located on Fountain Plaza Drive. The application for a new Compliance Plan Permit was submitted on July 23, 2010. A Compliance Plan is required for any continuous operation that may cause fugitive emissions to be released into the ambient air. A Compliance Plan Permit is used to verify that reasonably available control technology (RACT) is provided to prevent fugitive emissions from becoming airborne.

STAFF REVIEW

The RCS Storage facility located on Fountain Plaza Drive consists of material and equipment storage areas. Materials that are handled at the facility include recycled asphalt and topsoil. Two stockpiles of recycled asphalt are stored onsite. One top soil stockpile, mostly covered with vegetation, is stored in the northeast corner of the site.

Rock construction entrances are in place along Fountain Plaza Drive at the entrances to the storage lots. The material storage lot on the west side of Fountain Plaza has a dirt surface with a recycled asphalt stockpile. The equipment storage area located on Lot 10 is surfaced with recycled asphalt. The material and equipment storage area located on Lot 9 is infrequently used.

The amount of material handled per year varies based on projects and material availability. Water is used to control fugitive dust on stockpiles and the material storage areas. Fountain Plaza Drive is swept and water flushed as needed to clean up any track out from the site.

APPLICATION FOR AIR QUALITY COMPLIANCE PLAN

Date of Application: July 16, 2010

Office use only:

Permit No.	
Issue Date	
Expiration Date	
Fee	150 ⁰⁰

SITE OWNER INFORMATION:

Owner Name: RCS Storage LLC *Commerce Park LLC*
 Owner Address: 2400 Commerce Road, Rapid City, SD 57702
 Contact Person: Robert Scull Business Phone: 342-3787

ACTUAL SOURCE LOCATION AND ADDRESS IF DIFFERENT THAN ABOVE:

Site Name: RCS Storage
 Address: 1221 Fountain Plaza Drive - *1314 & 1408 Fountain Plaza*
 Contact Person: Robert Scull Business Phone: 342-3787

SITE INFORMATION AND FUGITIVE DUST CONTROL MEASURES

Reasonably available control technology shall be provided to prevent fugitive emissions from becoming airborne. If the space below is not adequate to describe site activities and control measures, please submit a separate document which includes all required information. Please check appropriate box(es) to identify site activities (No. 1 through No. 4) and fill in all information within the applicable section.

NO.1 STREET TRACTION AND DEICING MATERIAL DEPOSITION

Number of miles of paved road surface _____ miles
 Type of surface material(s) Concrete Asphalt Other _____
 Condition of surface material Good Fair Poor Other _____
 Site map (including details for road network) Yes No

If NO, when will plan be submitted?

Type of traffic	90	Percent Light Vehicles	4	Typical number of wheels
	10	Percent Heavy Vehicles	18	Typical number of wheels
Street speed limit(s)	25	Miles per hour		
Number of Vehicle Trips	2	Per day		

Season of most use (select Same if consistent) Spr Sum Fall Wint Same throughout the year

Fugitive Dust Control Methods

Deposition of traction and deicing materials of appropriate hardness (please attach specifications)			
<input checked="" type="checkbox"/>	Sweeping	Type & Frequency:	When required
<input checked="" type="checkbox"/>	Water flushing (when safety is not jeopardized)	Frequency:	
<input type="checkbox"/>	Other:		

Provide a full description of selected control measures:

Rock turn out, sweeping when required, flushing when needed

RECEIVED

JUL 23 2010

**Rapid City Growth
Management Department**

NO. 2 LOADING/UNLOADING MATERIALS THAT GENERATE FUGITIVE EMISSIONS

Describe the type of material that is loaded and unloaded:

Topsoil and asphalt millings.

Describe the frequency and method of material loading and unloading:

Infrequently when working on projects.

Once per week

Describe all fugitive dust control measures for site activities:

Watering by truck, rock construction entrance.

NO. 3 ON-GOING SOIL FILL/BORROW OPERATIONS

Type of fill material:

Describe the frequency material is brought to the site:

Describe frequency of site grading activities:

Describe all fugitive dust control measures for site activities including timeframe for site reclamation:

NO. 4 OTHER

Describe the type(s) of activity involving fugitive emissions:

Loading and hauling.

Material Storage Yard

Describe all fugitive dust control measures for site activities:

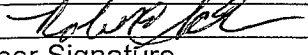
Water when required.

SIGNATURES

The Rapid City Area Air Quality Board and/or the Rapid City Growth Management Department reserve the right to request additional control measures if the reasonably available control technology presented above prove to be insufficient. In addition, information regarding emissions and/or emissions calculations may be requested by the Growth Management Department. When requested, the information must be provided in writing to the Growth Management Department.

The Growth Management Department will conduct annual inspections or on a complaint basis for continuous operation sites.

I hereby agree to do the proposed work as described in this application and in accordance with Pennington County Ordinance No. 12, Rapid City Municipal Code Chapters 8.34 through 8.44 and/or the Administrative Rules of South Dakota Chapter 74:36:17.

	
Property Owner Signature	Date
	7-16-10
Print Name Robert C. Scull	Print Name

For Corporations, Partnerships, etc.

Signature	Date
Print Name	Print Name
Title	Title

Authorized Agent Signature	Date
Print Name	Print Name
Title	Title

ACTION BY RAPID CITY AREA AIR QUALITY BOARD

This compliance plan has been reviewed and approved by the Rapid City Area Air Quality Board.

Comments: _____

RAPID CITY AREA AIR QUALITY BOARD SIGNATURE APPROVAL

Board Chair Signature/Date

TRACT A
COMMERCE PARK SUBP

LOT 8
1.001 Ac.±

LOT 7
1.001 Ac.±

LOT 6
1.001 Ac.±

LOT 5
1.228 Ac.±

EX 8" SEWER

Const
Entrance

Const
Entrance

PONTAIN PLAZA DRIVE

EX 8" WATER

EX 6" PVC

Storage lot

1.75 Acres

Millings

*Storage
lot*

LOT 10
1.940 Ac.±

LOT 9
2.865 Ac.±

2 Acres

Topsoil

Millings

LOT 1

SW¼ SE¼ SW¼ SE¼

SE¼ SE¼ SW¼ SE¼

WIDE
ALUMINUM
CURB