

Air Quality Complaint Report-September/October/November 20

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
|--|---------------|--------------|--------------|-----------|---------------------------------|
| 9/1/2010 | Fugitive Dust | Gravel alley | | | Alley between Evergreen Drive a |
| Complaint | | | | | |
| Maintenance work was done by the City on the alley and now the alley generates fugitive dust. Would like to see a water truck run down the alley a couple of times before it snows to keep the dust down. Complainant had already contacted the Street Department. | | | | | |
| Follow up | | | | | |
| Inspected alley - a water truck had recently watered the alley. | | | | | |
| Passed information along to Public Works and informed complainant of the "Out of the Dust" Program. | | | | | |

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| 9/13/2010 | Smoke | Wood burning in fire pits - Law | | NA | Lawndale Drive/Sterling Drive |
| Complaint | | | | | |
| Complainant reported that two residences in the Lawndale Drive/Sterling Drive area were burning wood in fire pits outdoor and as a result complainant could not leave house open at night or the house would fill with smoke. The neighborhood has an inversion on several occasions causing a smoke problem. A specific location was not given. | | | | | |
| Follow up | | | | | |
| Complainant added to the December 13, 2010 Air Quality Board agenda to discuss ordinance amendments to ban fire pits and other recreational open burning. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 9/24/2010 | Fugitive Dust | Street striping on Deadwood A | | | Deadwood Avenue by Rapid Ch |
| Complaint | | | | | |
| Complainant reported that the containment devise is not working on the street striping project on Deadwood Avenue and the dust is spewing everywhere. | | | | | |
| Follow up | | | | | |
| Referred complaint to DENR and SD DOT. SDDOT indicated they would take care of the issue. | | | | | |

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| 9/27/2010 | Fugitive Dust | Gravel road - East St. Francis | | | East St. Francis St. - East of Sed |
| Complaint | | | | | |
| Complainant reported that dust was swirling off the west end of East St. Francis Street from the wind gusts. Complainant requested that mag water be applied to the road. | | | | | |
| Follow up | | | | | |
| Staff conducted inspection and took pictures of dust blowing off of the road. Contacted Don Brumbaugh at the Street Division to follow up on the complaint. | | | | | |
| Called complainant back to inform them that the City Street Division would be following up on the complaint, possibly with the addition of water. Complainant requested that an adequate layer of gravel be applied to the road surface to address the condition of the road. | | | | | |
| Don indicated that gravel and water were added to the road on September 27. | | | | | |

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| 10/6/2010 | Fugitive Dust | Central High School Addition | 14 | 10-AQ-014 | 433 Mt. Rushmore Road |
| Complaint | | | | | |
| Dust from the Central High School Project was bad late on 10/5 and was not good today. | | | | | |
| Follow up | | | | | |
| Contacted Michael Kenton from the school district to contact the contractor to get some water on the site. | | | | | |

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| 10/15/2010 | Fugitive Dust | Knollwood Drainage Outfall Co | 5 | 10-AQ-022 | Centre Street and Creek Drive |
| Complaint | | | | | |
| Complainant reported that dust was blowing from the construction site. | | | | | |
| Follow up | | | | | |
| Contacted Dale Tech regarding violations from the site, took pictures of the site and spoke with the complainant. | | | | | |
| Dale Tech indicated that he contacted the contractor and inspector to insure that the site is kept watered. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 10/18/2010 | Fugitive Dust | Gravel open section line highw | | NA | Reservoir Road - north of Meado |
| Complaint | | | | | |
| Complainant reported dust generated from a portion of Reservoir Road that is located north of the platted portion of the road (north of the intersection with Meadow Ridge Road). Road is an open section line highway. The County Highway Department directed the complainant to contact the City Air Quality Division. | | | | | |
| Follow up | | | | | |
| Staff inspected the site and determined that there was a significant amount of dust coming off the road generated by vehicles traveling over the road. | | | | | |
| Contacted County legal counsel to determine who is responsible for the air quality issues. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 10/18/2010 | Other | Backyard fire pits | | | |
| Complaint | | | | | |
| Complainant called regarding concerns with a fire pit in the neighbor's backyard. Complainant had a question if it was legal to have a fire pit in your backyard inside the City limits. Complainant was not concerned with the air quality issue but rather with fire safety. | | | | | |
| Follow up | | | | | |
| Staff indicated that there is an exception to the air quality regulations for open burning for recreational purposes in barbecue pits. Complainant refused to give the location and staff indicated that we needed to know the location of the property to be able to address the concern with the Fire Department. Complainant was encouraged to contact Marcia Elkins or the Fire Department directly if they were concerned about fire safety at any time. The information was passed on to the Fire Department. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 10/21/2010 | Smoke | Air quality issues with burns | | | not given |
| Complaint | | | | | |
| Complainant reported air quality issues with burns and would like to discuss options to burns. | | | | | |
| Follow up | | | | | |
| Returned phone call and left message at 3:55 pm on 10/21/10. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
|---|----------|-----------------------------|--------------|-----------|---------------------------|
| 10/21/2010 | Smoke | Smoke from prescribed burns | | NA | Wind Cave prescribed burn |
| Complaint | | | | | |
| Complainant reported that the smoke from the prescribed burns is 8 or 9 feet off the ground and you can't breathe outside. | | | | | |
| Follow up | | | | | |
| 10/21 - tried to return phone call at 3:50 pm - no answer | | | | | |
| 10/25 -Returned phone call. Complainant feels that the PM concentrations at their location are much higher than the readings at the monitoring site location. PM10 levels at the Credit Union site were under 100 ug/m3 and PM2.5 levels were over 35 for 2 hours but then started to drop. | | | | | |

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| 10/21/2010 | Smoke | Smoke from prescribed burns | | NA | Wind Cave prescribed burn |
| Complaint | | | | | |
| Complainant had questions regarding the smoke in Rapid City. Also requested information on mold and pollen counts. | | | | | |
| Follow up | | | | | |
| Returned phone call and provided information on website and weather channel. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 10/22/2010 | Fugitive Dust | Gravel open section line highw | | NA | Reservoir Road - north of Meado |
| Complaint | | | | | |
| Complainant reported dust generated from a portion of the Reservoir Road open section line highway. | | | | | |
| Follow up | | | | | |
| Staff previously inspected the site on 10/18 due to a complaint that was previously received. | | | | | |
| Contacted County legal counsel to determine who is responsible for the air quality issues. | | | | | |
| 11/1- Complainant called back to report dust issues | | | | | |
| 11/2 -Complainant called back to report dust issues | | | | | |
| 11/3 - Staff observed the road and took pictures | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 11/2/2010 | Fugitive Dust | Central High School Constructi | 14 | 10-AQ-014 | 433 Mt. Rushmore Road |
| Complaint | | | | | |
| Complainant reported dust generated from the Central High School Construction project. | | | | | |
| Follow up | | | | | |
| Staff inspected the site and did not observe fugitive dust leaving the site. Trackout from the site was observed. | | | | | |
| Staff contacted Dave from Gustafson Builders regarding the need to keep sufficient water on the site and control and cleanup trackout. | | | | | |

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 11/4/2010 | Fugitive Dust | Gravel Parking lots | | | 805 and 825 E Denver Street |

Complaint

Complainant reported dust blowing off of the gravel parking lots of Big K at 805 E Denver Street and Bob's Sewing at 825 E Denver Street. The complainant was concerned because they have asthma. Complainant stated that the dust was blowing on Wednesday with the high winds and that it is pretty much always blowing off of the lot. Complainant reported that the dust was blowing off of the lot at the time of the complaint.

Follow up

Inspected lots approximately 30 minutes after the complaint and did not observe dust blowing from the lots.

Lots are less than 1 acre and are not regulated by the Air Quality Ordinance.

Conduct a follow up inspection of the lots on a windy day.

11/9 - Conducted a follow up inspection during an air pollution alert for dust - winds sustained around 28 mph with gusts around 40 mph - no dust was observed blowing off of the gravel lots at the time of inspection

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 11/5/2010 | Fugitive Dust | Bunker Drive - Gravel Road | | NA | Bunker Drive |

Complaint

Complainant report that trucks traveling between 35-40 mph on Bunker Drive are generating a large amount of dust. Complainant stated that this is the worst that they have seen the dust and it is coating everything.

Also questioned if Bunker Drive was going to be paved.

Follow up

Inspected site and photographed the dust generated by vehicle traffic on the road.

Need to determine responsibility for maintenance of the road.

11/8 - LM at appx 2:40 for complainant to call staff back for an update.

11/9 - City Street Department will water the road to alleviate short-term problem while the responsibility is determined

11/10 - Complainant returned phone call and advised that the water truck watered the road on Monday and Tuesday.

They expressed concern over additional maintenance of the road. Informed complainant that there are no current plans to pave the road and that a determination of responsibility of the road needs to be made. Complainant expressed concern regarding the speed vehicles travel on the road and was referred to dispatch.

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 11/5/2010 | Smoke | Burning of items as a result of | | NA | 2830 Eglin Street |

Complaint

Plume of smoke noticed coming from the Ace Steel and Recycling salvage yard. A cutting torch was being used to cut an engine block and other items. As a result the flammable items attached to the items being cut were burning. There was probably a little residual oil in the engine block, even though they said it was drained prior to cutting, and there was smoldering plywood attached to the other item.

Follow up

Jon Epp from SD DENR stopped by and informed Ace Steel and Recycling that if these fires occur they need to be put out immediately. He also informed them that any material that might start on fire should be removed before starting cutting operations.

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
|------------|----------|----------------------|--------------|-----------|-----------------|
| 11/19/2010 | Smoke | Smoke from fireplace | | NA | 1918 Cruz Drive |

Complaint

Complainant reported the possible burning of inappropriate fuel at 1918 Cruz Drive. Reported a horrible smell from the neighbor's burning. When the wind blows a certain way the smoke enters their bedroom window.

Follow up

11/22 - Inspected residence - no visible emissions were observed and heat waves coming from the chimney were visible

11/23 - Sent a courtesy letter to 1918 Cruz Drive explaining the requirements for proper fuels, proper burn techniques and requesting that the owner consider raising the height of the chimney

Asked complainant to call back when the problem is occurring so another follow up inspection can be performed.

| Date | Category | Source Name | Size (acres) | Permit No | Source Location |
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| 11/30/2010 | Smoke | Residence at 806 E Ohio St. | | NA | 806 E Ohio St |

Complaint

Complaint taken by Building Official. Complainant reported that the exterior flu of the residence at 806 E. Ohio Street did not have a spark arrestor and complained of smoke from the residence.

Follow up

Bernie Hall inspected residence and noted that a vent cap and spark arrestor are missing. Also noted that the chimney appears to need cleaning.

See 4/9/10 Complaint log