

TRANSMITTAL LETTER

DAVIS ENGINEERING, INC.....1060 KINGS ROAD.....RAPID CITY, SD 57702

DATE: February 8, 2008

TO: City of Rapid City
Growth Development
300 6th Street
Rapid City, SD 57701

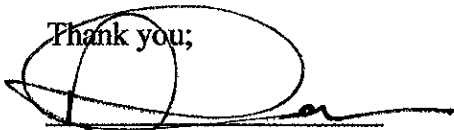
RE: SWPPP

Dear Sirs;

Attached please find the SWPPP required for this submittal. Since this is the first SWPPP I have written I will attempt to cover all the items required but I am sure that some revision will be required.

If you have any questions please call.

Thank you;



Ronald D. Davis, PE/RLS #3095 SD

RECEIVED

FEB 0 8 2008

Rapid City Growth
Management Department

STORM WATER POLLUTION PROTECTION PLAN
(SWPPP)

Project/Site Name: Murphy Ranch Estates Subdivision
Project Street/Location: South Side of Long View Road 1000ft East of Reservoir Road
City: Rapid City, Pennington County, South Dakota.
Latitude/Longitude: 440249N, 1030753W (from Rapid City Surety Control Map --
Primary Control Point D11.

This project is not located in Indian Country and is not a federal facility.

NPDES Project No. SDR10B128

SECTION 1

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Section 1.2: Contact Information/Responsible Parties

Developer/Owner
Davis Engineering, Inc.
1060 Kings Road
Rapid City, SD 57702
605-341-3095
ronandmaryann@rushmore.com

FEB 08 2008
Rapid City Growth
Management Department

Contractor information will be submitted as the contractors are hired.

Section 1.3:

Scope of work: This project is a residential subdivision. We will be starting work around March 1, 2008 and will be completed around May 1, 2008. (Or as soon as the asphalt plants are operable for the year). This is Phase 3C of approximately 10 Phases. The work being done will consist of site grading, utility construction, curb and gutter and asphalt pavement. This project involves 9 lots and will disturb approximately 2.0 acres.

Section 1.4:

The soil within our subdivision is a clayey material. The overall site is gradual slope from west to east. We will be adding approximately 6000 yards of fill material at the southeast corner of these 9 lots. We will be constructing 4:1 final slopes.

Section 1.5:

This site as stated above will involve approximately 2.0 acres. The entire 2.0 acres area currently grass land with a runoff coefficient of .25. After the subdivision is completed approximately 0.4 acres will be impervious with a runoff coefficient of 0.9.

Section 1.6:

Receiving Waters: Rapid Creek would be the receiving stream if any sediment were to be discharged from the site. There is no onsite streams, lakes, etc. There is a private dam that was constructed to use as a source for irrigation of this property years ago. We are constructing a detention cell on the east side of Murphy Ranch Estates Subdivision with a 24" dia discharge pipe. The inlet to the 24" pipe will be protected by silt fence until all vegetation has been re-established.

Section 1.7:

There are no unique site features with the exception of the Detention Cell described in Section 1.6 above.

Section 1.8:

The main source of pollution would be the sediment during rain fall events. Pollution from equipment and repair of equipment is a potential source of pollutants.

Section 1.9:

At the current time I am not aware of any endangered species at the site.

Section 1.10:

This acreage is grassland that has been in irrigation since the late 1800's and has never had any historical structures located on the land.

Section 1.11:

Am not aware of any other applicable Federal, Tribal, State or Local Programs that would apply to our site.

Section 1.12:

The site map and plans are being submitted herewith.

SECTION 2:

Section 2.1:

As described above we will be disturbing approximately 2.0 acres. This is a typical residential subdivision site. The topsoil , if any, will be removed and stockpiled and then replaced as the homes are constructed. Any slopes will be protected by silt fence until final vegetation is in place.

Section 2.2:

This is a single phase project accessible by paved streets.

Section 2.3:

BMP Description: Silt fence.

Will be installed prior to beginning site grading.

The contractor that will be hired will be responsible

For minimizing the site dust and sediment.

Davis Engineering will be responsible for maintenance

And Inspection of the silt fence.

Section 2.4:

This project once started will be completed in two months. There will be no need for temporary stabilization.

Section 2.5:

BMP Description: Silt fence.

Will be installed prior to beginning site grading.

The contractor that will be hired will be responsible

For minimizing the site dust and sediment.

Davis Engineering will be responsible for maintenance

And Inspection of the silt fence.

Section 2.6:

There are no storm drain inlets on this project.

Section 2.7:

BMP Description: Silt fence.

Will be installed prior to beginning site grading.

The contractor that will be hired will be responsible

For minimizing the site dust and sediment.

Davis Engineering will be responsible for maintenance

And Inspection of the silt fence.

Section 2.8:

BMP Description: Silt fence.

Will be installed prior to beginning site grading.

The contractor that will be hired will be responsible

For minimizing the site dust and sediment.

Davis Engineering will be responsible for maintenance

And Inspection of the silt fence.

Section 2.9:

This site is accessed by paved roads. There is no location to establish a construction exit that would not be in the way of the work being done.

Section 2.10:

No additional BMPs are proposed.

SECTION 3

This is a small site. There will be minimal equipment repair and minimal trash since this is a dirt construction site and we are not constructing any buildings or houses. Since this is our first attempt at working with a SWPPP permit we are more than willing to work with whomever we have to establish a clean construction environment. We have an area approximately 3 acres in size that will be a detention cell when completed. To date any sediment that has been generated from our project has been mostly distributed over the 3 acre area and has not even come close to polluting any source of water.