

HAND DELIVERED

APR 01 2009

PART 1 - GENERAL INFORMATION

UTAH DIVISION OF
SOLID & HAZARDOUS WASTE
2009.01145

- 1. Name of Facility: Monticello: City Landfill
- 2. Site Location: Highway 491, 3.5 miles East of Monticello
- 3. Facility Owner: City of Monticello
- 4. Facility Operator: City of Monticello
- 5. Contact Person: Nathan Langston
City of Monticello
PO Box 457 , 17 North 100 East
Monticello, Utah 84535
Phone: 435-587-2271
Fax: 435-587-2272
Email: Nathan@monticelloutah.org

- 6. Type of Application: Renewal
- 7. Property Ownership: To be leased by applicant
Property Owner: Nell Dalton
Post Office Box 305, 48 Wagon Rod Lane
Monticello, Utah 84535-0305
Phone: 801-587-2716

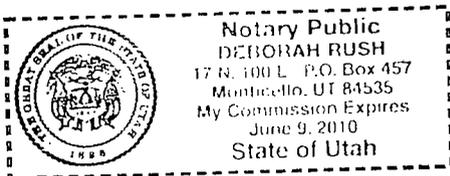
Lease Agreement, Warranty Deed (*Exhibits 1 and 1A*)

- 8. Certification of Information Submitted By:
Nathan Langston, Public Works Dir., City of Monticello

I certify under penalty of law that this document and **all** attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who are directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Nat Lang Date: 4-1-09

SCRIBED AND SWORN to before me this 1 day of April, 2009



My commission expires June 9, 2010.

Deborah Rush
Notary Public, San Juan County, State of Utah

PART II - GENERAL REPORT

Introduction:

General Description of the Facility:.

The Monticello City Class IV Landfill will be established in the same location as the former Class II municipal landfill. The facility contains 11.02 acres and is in an area that will easily provide the residents of this community a convenient location to dispose of Class IV materials for many years into the future. Annual average waste volumes are estimated to be less than one ton per day, which will be separated according to type of waste when delivered. The average annual precipitation is 13.5 inches. Facility plans are documented below under PLAN OF OPERATION.

Disposal cell design, fill method, waste disposal filling area sequence, final elevation and contours, and final cover design are defined in the attached topographies. As identified in Exhibit #2, there will be a waste-filling sequence to minimize the working face. This will be accomplished by filling smaller cells instead of filling one large cell. The advantage of this is having each of the cells covered prior to the end of the life expectancy of the landfill. **(Exhibits 2 and 3)**

Landfill unit boundaries, the Class IV disposal area, the green waste storage area, the transfer station, the recycling storage area, the run-on/run-off control structures, and other structures on-site are demonstrated on the attached map, intended to comply with R315-310-4(2)(a)(i) of the Rule. **(Exhibit 4)**

Area detail, including the waste facility boundary, the property boundary, surface drainage channels, existing utilities, structures within one-fourth mile of the facility site, and the direction of the prevailing winds, is demonstrated on the attached map, intended to comply with R310-4(2)(a)(ii) of the Rule. **(Exhibit 5)**

2. **Legal Description:**

Situated in San Juan County, State of Utah: Beginning at a point which is South 1000 feet of the North quarter corner of S

ection 34, Township 33 South, Range 24 East, SIM; and running

City of Monticello
Application for Permit to operate Class-TM Landfill
February 2009 (modified)

thence South 800 feet, thence East 600 feet, thence North 800 feet, thence West 600 feet to the point of beginning, containing approximately 11.02 acres. The Landfill Gate is located at 37* 52' 09" North and 109* 16' 23" West

The land of the surrounding area is primarily agricultural, used mainly for grazing. The property is commercially zoned by San Juan County, making the landfill a permitted use.

3. Waste Types/Area of Operation:

Waste types accepted by the Monticello City landfill will be comprised of construction/demolition waste, yard waste, and inert waste. The City will not receive dead animals until the proper method for handling dead animals is established.

The area to be served by the facility will primarily be the City of Monticello, although the landfill will be open to County residents as well.

4. Demonstration that Landfill is Not Commercial:,

The City of Monticello currently provides residential, garbage refuse and waste collection to its residents. The city transports the refuse to the San Juan County Landfill

Fees collected by the City at the Monticello landfill for use of the roll-off bins for those items that are not permissible for disposal in the Class IV landfill are used to pay the County to transport roll offs to the San Juan County landfill. Fees collected for the use of the Landfill are used to help with the cost of landfill operations any thing collected above these costs will be put into the PTIF fund for closure. (**Exhibit 6&7**)

Resolution 1999-5 was adopted by the Monticello City Council on June 23, 1999, declaring that the Class IV landfill will be operated as a non-commercial enterprise and that revenues received from the landfill will be entered into a separate enterprise fund. (**Exhibit 8**)

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009(modified)

PLAN OF OPERATION

The following constitutes the plan of operation for the Monticello City Class IV Landfill and is intended to comply with guidelines set out in §R315-302-2(2) of the Utah Division of Solid and Hazardous Waste Administrative Rules.

1. Schedule of Construction:

The City stopped accepting Class-II waste at the Monticello Municipal Landfill in June 1997. A facility which complies with Utah State regulations for a Class-IV landfill has been built on top of the closed Class-II landfill. Cover was applied, and it has been graded and filled to provide run-off control.

An office structure for the landfill attendant and two transfer stations have been placed at the site. No additional infra-structure will be required. The new facility uses existing access roads, and the property is fenced and gated.

Pending permit approval, the facility is being operated according to the rules and regulations of the Utah Department of Environmental Quality for a Class-IV Landfill.

2. Solid Waste Handling Procedures:

During the, warmer months, the facility will be open on Tuesdays and Saturdays from 9:00 a.m. to 4:00 p.m., and by appointment for demolition projects. During the winter, hours of access will be reduced according to the frequency of use. Equipment used to maintain the facility will be that which is currently used by the City's Public Works Department.

The facility will accept construction/demolition waste, yard waste, and inert waste into the Class IV landfill. Until the City has purchased equipment dedicated solely for the landfill, dead animals will not be accepted. Any non-Class IV waste placed in the Class IV disposal cell will be removed prior to the end of the working day and placed in the roll-offs for transfer to the San Juan County landfill. Yard waste will be separated from other types of waste for burning during acceptable Division of Air Quality time periods. On-site solid waste handling procedures will be as follows:

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009 (modified)

All incoming vehicles will be met by the landfill operator. Each load will be routinely recorded on a Daily Inspection Log, to include the name of user, date, description of waste, and estimated weight. A random inspection- will be performed on not less than 1% of the incoming loads. This random inspection will require the user to dump his load in an isolated spot to allow the landfill, operator to examine the contents in detail. Both the routine and random inspections will be conducted to ensure that non-conforming waste will not be left in the landfill. The user will be instructed verbally and by appropriately located signs directing the placement according to waste type. Deposited items will be covered as required to prevent the waste from being blown and scattered. **(Exhibit 9)**

3. Schedule for Conducting Inspections and Monitoring:

At least one employee will be on-site at all times during hours of operation, and for dumping by appointment during unscheduled hours of operation, to perform inspection and monitoring functions. The user will be asked to verify the type of waste and a visual inspection will be made by the employee. Upon confirmation of waste type, the employee will direct the user to the correct location for disposal.

Not less than quarterly, an inspection will be performed to assess the integrity of the landfill and verify compliance with all State permitting requirements. Items addressed will include fences, gates, roads, erosion control, litter and weed control, waste piles, and cover of waste. The inspection will prevent malfunctions and deterioration, operator errors, and discharges which may cause or lead to the release of pollutants into the environment or which may be a threat to human health. The Quarterly Inspection Log will be kept on file at the Monticello City Office for a period of not less than three years. **(Exhibit 10)**

4. Contingency Plans in Event of Fire or Explosion:

In the event of a fire or explosion, the landfill will be closed to incoming waste. A fire extinguisher will be kept on-site, and the Monticello Fire Department will be put on stand-by. The operator will secure the area, isolate the fire or explosion, attempt to suppress the incident and, if needed, will call for additional assistance from the Fire Department.

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009 (modified)

Immediately following the incident, the landfill operator will submit a full report to the City Manager. The incident will be critiqued and, if necessary, additional policies and procedures put into place

5. Corrective Action for Contaminated Ground Water: '

No monitoring wells are planned for the Monticello Class-IV Landfill. If, in the future, down-gradient wells exceed the acceptable concentration limits, and the information has been substantiated, the City will implement a corrective action plan as outlined in SR315-308.

6. Contingency Plan for Other Releases:

When concentrations of parameters exceed acceptable levels, and information has been substantiated, the City will implement a corrective action plan approved by the Executive Secretary of the Solid & Hazardous Waste Control Board.

7. Maintenance of Installed Equipment:

No maintenance will be required, as no active collection systems for leachate and/or explosive gases are proposed for the Monticello Class IV Landfill.

Run-off will be controlled through a combination of cut waterways and berms. The pit area will be protected by diverting the water away from the dumping area.

Signs will be posted at the entrance to the landfill identifying the facility, the hours of operation, emergency phone numbers, acceptable and unacceptable materials.

8. Exclusion of Hazardous or PCB-Containing Waste:

The Monticello Class IV Landfill will be a locked facility which is inaccessible to the public during closed hours, unless a City employee is present to monitor the disposal. All incoming waste arriving at the facility will come from local generators and will be required to pass a routine inspection. The name of the generator and type of waste will be recorded on a daily log sheet. Random detailed inspections will be made on not less than 1% of incoming loads and recorded on an Inspection Report. (Exhibit 11)

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009 (modified)

To ensure that hazardous waste is not deposited at the facility, detailed inspections will be conducted on any suspicious load. In the event that hazardous or PCB-containing waste is encountered, the driver will be denied access to the landfill. If regulated quantities of hazardous or PCB wastes are identified at the working disposal face, San Juan County Emergency Services (435-587-3225, 435-587-1895) will be called. Emergency Services will act as the first responder for hazardous materials, and will implement their Hazardous Materials Response Plan. Emergency Services will manage any subsequent activities related to the waste load, including transportation, storage, and containment. Landfill personnel will participate only as directed by the first responders. Following notification, it will be the responsibility of San Juan County Emergency Services to ensure that the hazardous materials are handled, stored, or transported in accordance with applicable federal and state regulations. An Inspection Report will be completed and notification made to the Division of Solid and Hazardous Waste. (**Exhibit 11**)

9. Notification:

Personnel at the Monticello Landfill will notify UDEQ within 24 hours if suspected hazardous or PCB wastes are discovered during landfill operations. A record will be submitted to UDEQ which identifies the date and time of discovery, type of material (if possible without analytical testing), probable hauler, waste quantity, and actions proposed for the removal of the material from the area of discovery. The record of notification will be entered into the facility's operating record.

10. Procedure for Controlling Disease Vectors:

Construction/demolition materials and yard waste accepted at the Monticello Class IV Landfill will not provide a food source for animals and/or rodents, and this will assure control of disease vectors. If necessary, a cover will be provided to eliminate the shelter for animals and rodents. The City will cover with 6 inches of clean soil once per month.

11. Plan for Alternative Waste Handling:

If the Class IV Landfill became inoperable for some unknown

reason, it would be closed until the issue has been resolved.

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009 (modified)

Under these circumstances, the waste stream would be diverted to the San Juan County Landfill.

In the event of equipment breakdown, equipment could be rented: from San Juan County or from a private contractor until the City's equipment is returned to service

12. General Training and Safety Plan for Site Operations:

Fire Prevention - Any combustible materials will be covered to avoid a fire hazard.

Operator Training - Training will be provided for employees to ensure understanding and compliance with the approved PLAN OF OPERATION and Class IV permit. Refresher training courses will also be provided. When appropriate, employees will be sent to the UDEQ training.

CLOSURE PLAN

With a waste capacity of over 100,000 cubic yards, the landfill has a life expectancy more than 25 years. Contractors using the landfill for construction/demolition waste will be required to provide dirt for cover.

The Executive Secretary of the Solid and Hazardous Waste Control Board shall be notified 60 days prior to the projected final receipt of waste at the facility. Within 30 days after receipt of the final volume of waste, the closure activities shall commence. Within 180 days of the commencement, the closure activities shall be complete. When completed, the Division of Solid and Hazardous Waste will be notified and a final closure inspection will be scheduled.

At the end of the landfill's useful life, approximately two acres will need to be covered and closed. The area will be covered with a minimum of 24 inches of earthen material, including 6 inches of material capable of supporting vegetative growth. The landfill disposal cell will have a finished grade of not less than 2% and no more than 33%. The surface will be free from depressions to prevent ponding and surface water infiltration.

No later than 60 days after the closure of the landfill, a statement of fact, defining the location of the disposal site, will be attached to the deed and recorded with the plat at the San Juan County Recorder's office.

City of Monticello
Application for r e n t to Operate Class IV Landfill
February 2009 (modified)

During the post-closure care period, the final vegetative: cover will be maintained Semi-annually and after every 5-year storm, the landfill will be inspected to ensure the integrity of the landfill cover and the run-on and run-off control system. Areas affected by erosion will be corrected. Groundwater monitoring, leachate collection, and gas collection are not proposed at the Monticello Class IV Landfill post-closure.

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009(modified)

FINANCIAL ASSURANCE PLAN

Due to the method of operation and having only approximately two acres to cover, the costs to close the landfill will be relatively minimal. Because of the requirement for contractors to supply cover for the landfill, the 24 inches of earthen material will already be on site. The 6 inches required for supporting vegetation can be obtained from an adjacent property owner. A review of the Financial Assurance Plan will be made every 5 years to ensure sufficient funds will be available upon closure of the facility.

Estimated costs for the closure are as follows:

24 inches of cover--6,450 cubic yards currently on site N/C	
6 inches material to establish growth,	
including grade work - 1,600 yards	\$ 7,600
Fertilizing and seeding	1,500
Post-closure care for 30 years	<u>12,000</u>

TOTAL \$21,100

The City's current PTIF fund balance is \$9,762.71 leaving a deficit of \$11,337.29. Using funds from landfill operations and subsidized if need the City will deposit with the State Treasurer's office. The deposits will be made in five equal payments, beginning one year after receipt of a permit for operation of a Class IV Landfill, as follows:

1st Year -	\$ 2,300.00
2nd Year -	\$ 2,300.00
3rd Year -	\$ 2,300.00
4th Year -	\$ 2,300.00
5th Year -	<u>\$ 2,300.00</u>
Total	\$11,500.00

At the time of closure, the Executive Secretary of the Solid and Hazardous Waste Control Board will be notified for authorization of the release of these funds. **Exhibit 12**

City of Monticello
Application for Permit to Operate Class-IV Landfill
February 2009 (modified)

PART III - EXHIBITS

Exhibit 1: Lease Agreement

Exhibit 1A: Warranty Deed

Exhibit 2: Topography: Disposal Cell Design; Fill Method

Exhibit 2A: Fill Sequence

Exhibit 3: Topography: Waste Disposal Filling Area Sequence;
Final Elevation and Contours; Final Cover Design

Exhibit 4: Map Landfill Unit Boundaries; Disposal Area; Green Waste
Storage Area; Transfer Station; Recycling Storage. Area; Run-
on/Run-Off Control Structures; Other On-Site Structures

Exhibit 5: Map: Waste Facility Boundary, Property Boundary,
Surface Drainage Channels, Existing Utilities, Structures
within 1/4 Mile of Facility Site; Direction of Prevailing
Winds

Exhibit 6: Landfill / Transfer Station Fees

Exhibit 7: Monticello City Code, §4-4-1 thru §4-4-4:
Garbage and Refuse

Exhibit 8: Resolution 1999-5: Declaration of 'Intent to Operate
Monticello Class-IV Landfill as Non-Commercial Enterprise

Exhibit 9: Daily Logs

Exhibit 10: Quarterly Inspection Log

Exhibit 11: Inspection Report

Exhibit 12: PTIF Statement

