1 FACILITY SUMMARY

The City of Mesquite operates a Class I Municipal Solid Waste Site (MSW) Site. The disposal area is constructed without a liner or leachate collection system and no groundwater monitoring is conducted, however the facility is required to conduct methane monitoring. Upon reaching capacity, a final cover will be constructed, and the Permittee will be responsible for 30 years of post-closure care. The Class I MSW Facility accepts waste predominantly from the local community and to a limited extent the adjacent areas.

1.1 GENERAL DESCRIPTION

The Permit authorizes the construction and operation of a Class I disposal site, consisting of one solid waste landfill unit, contiguous land, structures, and other appurtenances and improvements for the disposal of municipal solid waste as approved by the Nevada Division of Environmental Protection (Division). The Application provides that interim and final cover will be installed concurrently with ongoing operations. The Owner/Operator will perform methane monitoring, closure, and post closure care in accordance with this Permit

1.2 OWNER/OPERATOR

City of Mesquite
10 East Mesquite Blvd.
Mesquite, NV 89027

1.3 FACILITY LOCATION

40 acres in the southeastern corner of Lincoln County, Nevada, the property covers the northeast quarter of the southeast quarter of T12S, R71E, Section 17

1.4 FACILITY DESIGN

Permitted Design Summary
Table 1

Class I	*Rev 00*	*Rev 01*		*Rev 02*		*Rev 03*	
		New	*Total*	*New*	*Total*	*New*	*Total*
Disposal Area (acres)	26.5	0	26.5				
Maximum Elevation (amsl)	2210	0	2210				
Minimum Elevation (amsl)	2130	0	2130				
Disposal Capacity (yds^3)	1.428(10^6)	0	1.428(10^6)				
Landfill Volume (yds^3)	1.785(10^6)	0	1.785(10^6)				

2 GENERAL PERMIT CONDITIONS

2.1 DEFINITIONS

Unless the context otherwise requires, the definitions used in this Permit have the meanings ascribed to them in NAC 444.5701 to 444.631.

"Landfill volume" means the quantity of space contained above the bottom liner and including the final cover of a landfill design.

"Landfill disposal capacity" means the quantity of solid waste, by volume, that can be placed in a landfill, given its landfill volume and plan of operations.

2.2 PERMIT ACTIONS (NAC 444.643)

This Permit is based upon the information submitted in the Permit application, and as approved by the Nevada Division of Environmental Protection. This Permit may be modified by the Division, for cause, in accordance with NAC 444.643 or if there is a change in the statutes or regulations upon which the issuance of the Permit is based, or if a modification is otherwise necessary to protect public health, safety and the environment. This Permit may be revoked or suspended if written notice is given by the solid waste management authority and the disposal site does not remain in compliance with the applicable statutes and regulations. The filing of a request by the Permittee for a Permit modification or termination, or a notification of planned changes or anticipated noncompliance, or termination of activities authorized in the Permit does not stay any Permit condition. The Permittee shall inform the Division of any deviation from or change in the operations as presented in the application, which may affect the Permittee's ability to comply with applicable regulations or conditions of this Permit. This Permit may be transferred to a subsequent owner or operator only if the solid waste management authority approves the transfer based on documentation of financial responsibility provided by the new owner or operator.

2.3 AVAILABILITY OF PERMIT DOCUMENTS

The Permittee shall keep, at the disposal site, a complete copy of this Permit and incorporated documents, as identified herein.

2.4 COMPLIANCE WITH STATUTES AND REGULATIONS

The Permittee shall comply with NRS 444.440 through 444.620, and NAC 444.570 through 444.7499, as applicable.

2.5 DUTY TO PROVIDE INFORMATION

The Permittee shall furnish to the Division, within a reasonable time, any relevant information which the Division may request to determine compliance with this Permit or to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit. The Permittee shall also furnish to the Division, upon request, copies of records required to be kept by this Permit.

2.6 INCIDENT REPORTING

The Permittee shall report incidents to the Division as provided in the *Operating Plan*. In addition, the Permittee shall report any noncompliance, imminent or existing hazard from a release of waste or hazardous constituents, or from a fire or explosion at the facility, which may endanger human health or the environment. Such information shall be reported by telephone to 800-331-6337 within twenty-four (24) hours from the time the Permittee becomes aware of the circumstances. A written report shall be submitted within 15 days of the incident and shall include the following:

1. Name and title of person making report;
2. Date, time, and type of incident;
3. Name and quantity of material(s) involved;
4. A complete description of the occurrence and its cause;
5. The extent of injuries, if any;
6. An assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable;
7. Estimated quantity and disposition of recovered material that resulted from the incident; and
8. Actions taken by the Permittee in response to the incident.

2.7___ REPORTING ANTICIPATED NON-COMPLIANCE

The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity that may result in noncompliance with Permit requirements.

2.8___ INSPECTION AND ENTRY

The Permittee shall allow the Nevada Division of Environmental Protection, or an authorized representative, upon the presentation of credentials or other documents as may be required by law to:

i. Enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

iii. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and

iv. Sample or monitor at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized, any substances or parameters at any location subject to the Permit.

2.9___ CONSTRUCTION QUALITY ASSURANCE AND QUALITY CONTROL (NAC 444.645)

The Permittee shall:

1 Reserved

3 ____ PERMIT DOCUMENTS

The following documents, as submitted by the Permittee and approved by the Nevada Division of Environmental Protection also describe and/or restrict the operation of this disposal site:

1 Volume I Application to Permit Construct and operate a MSW disposal site 1/94 as amended

4 ____ WASTE ACCEPTANCE CRITERIA

The Permittee shall accept those wastes identified in Section 2.5 of the Report of Design in the Application

4.1___ SOLID WASTES PERMITTED FOR DISPOSAL

Class I

1. Municipal Solid Waste
2. Sewage Sludge and Solidified Septage
3. Medical Waste
4. Water Treatment Sludge
5. Reserved

4.2___ PROHIBITED SOLID WASTES

The Permittee is prohibited from placing in the Class I landfill the following wastes:

1. Liquid waste as defined by NAC 444.692(4)
2. Hazardous waste, as defined NAC 444.580 (NRS 459.430)
3. PCB waste, as defined by NAC 444.6665
4. Reserved

5 RECORDKEEPING

5.1 The Permittee shall maintain records at the site as described in section [refer to section] of the [revised] Application.

The owner or operator shall notify the solid waste management authority when the documentation has been placed in or added to the operating records. All information contained in the operating records must be furnished upon request to the solid waste management authority or be made available at all reasonable times for inspection by the solid waste management authority.

Class I Facility:

1. Any demonstration of restrictions on location required by NAC 444.678 to 444.6795, inclusive;
2. Records of inspection, training procedures and procedures for notification required by NAC 444.6665;
3. Results from the monitoring of gas and any remediation plans required by NAC 444.667;
4. Any documentation relating to the design of the municipal solid waste landfill unit for the placement of leachate or gas condensate in the unit as required by paragraph (b) of subsection 2 of NAC 444.692;
5. Any demonstration, certification, finding, monitoring, testing or analytical data from the program for monitoring ground water required by NAC 444.7481 to 444.7499, inclusive;
6. Plans for closure and postclosure and any monitoring, testing or analytical data required by NAC 444.6891 to 444.6896, inclusive; and
7. Any documentation of cost estimates and financial assurance required by NAC 444.685.

6 REPORTING

Class I Facility:

1. The operator of a Class I site shall submit quarterly to the Division a report of the solid waste received at the site. The report must be submitted on a form prescribed by the Division within 30 days following the end of each calendar year quarter.

6.1 FINANCIAL ASSURANCE REPORTING. THE PERMITTEE SHALL:

1. Notify the Division of any adjustments made to the estimates for the amounts of closure and post-closure care in accordance with NAC 444.6851 and 444.68515;
2. Each year within 30 days following the end of each calendar year of the issuance of this Permit, the Permittee shall submit the closure and post-closure cost estimates adjusted for inflation.

6.2 NOTIFICATION OF NEW CELL CONSTRUCTION

In accordance with NRS 444.556, the Permittee shall notify the Division in writing within 10 days following the commencement of construction of a new cell.

6.3 All reports, notifications, or other submissions which are required by this Permit must be submitted by the specified due date to:

Solid Waste Branch Supervisor
Bureau of Waste Management
Nevada Division of Environmental Protection
901 S Stewart Street, Suite 4001
Carson City, NV 89701-5249

7 GROUNDWATER MONITORING

Reserved

8 ____ MISCELLANEOUS CONDITIONS

1. Segregate and stockpile topsoil from landfill construction for use as growth medium for the final cover.

9 ____ COMPLIANCE SCHEDULE

Reserved

10 ___ AUTHORIZATION

Signature of Approving Officer	*Name and Title of Approving Officer*	*Date of Issuance*
Original Signed	***R. Eric Noack, Chief Bureau of Waste Management***	*09/20/2011*
		Date

File: jtaylor_184_jtaylor_08032011_10_PMT_Mesquite Landfill Permit.doc

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
NEVADA