



LOCKWOOD REGIONAL LANDFILL

2401 Canyon Way
Sparks, NV 89434
(775) 342-0401
(775) 342-0101 Fax

Mr. Jon Taylor, P.E., C.E.M.
Staff Engineer III
Bureau of Waste Management
Solid Waste Branch
901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701

Reference: Bureau of Waste Management correspondence dated February 6, 2013

Subject: Expansion Modification request for Lockwood Landfill (Modification)

Dear Mr. Taylor:

Please accept Refuse Inc's response to your February 6, 2013 letter regarding Lockwood's permit modification application. We have also included follow-up responses to your October 12, 2012 letter.

If you have any questions, please do not hesitate to contact me at 775-343-7372 or jprary@wm.com.

Sincerely,

Joseph Prary P.E.
District Manager
Lockwood Regional Landfill

cc: Art Gravenstein, NDEP-BWM
Jim Obereiner, WM
Mark Franc, WM
Bill Carr, WM

From everyday collection to environmental protection, Think Green® Think Waste Management.



Applied Soil Water Technologies, LLC

56 Coney Island Drive
Sparks, NV 89431

775.284.5500 Phone
775.284.5504 Fax

www.appliedsoilwater.com

February 25, 2013

Waste Management of Nevada, Inc.
2401 Canyon Way
Sparks, NV 89434

Attn: Mr. Joe Prary
District Manager

Re: Response to State of Nevada
Division of Environmental Protection
Correspondence dated 10/12/12/12 and 02/06/13.
Permit Modification Application – Permit Number SW214R01
Lockwood Regional Landfill
Storey County, Nevada
ASW Project No. 002-047

Mr. Prary,

Applied Soil Water Technologies, LLC (ASW) is pleased to submit this letter in response to the comments provided by the Nevada Division of Environmental Protection, Bureau of Waste Management (NDEP-BWM) in their letter dated October 12, 2012 regarding the current Lockwood Application, Facility Operating Plan and Facility Monitoring Plan, and their letter dated February 6, 2013 regarding the Modification Request (Modification) for Lockwood Regional Landfill, Storey County, Nevada. The following narrative describes revisions to the Modification Request as a result of NDEP comments.

For ease of review, ASW has provided in *italics* the *comments* from the NDEP letters dated October 12, 2012 and February 6, 2013 (Letters) and the **responses in bold**.

The following attachments are provided in support of our response.

Attachment 1 – Facility Operating Plan

Replace your current Facility Operating Plan Cover Page, Table of Contents and all text with the attached.

Insert the attached permit into Appendix 1-1

Attachment 2 – Closure/Post Closure Plan

Replace your current Closure/Post Closure Plan Cover Page, Table of Contents and all text with the attached.

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Attachment 3 – Closure Cost Estimate

Attachment 4 – Addendum to the Facility Monitoring Plan

Replace the current Addendum to the Facility Plan and Figures with the Attached.

Attachment 5 – C&D Response

Replace the Table of Contents, List of Figures and List of Tables of the Engineering Design Report with those attached.

Replace Section 3 of the Engineering Design Report in its entirety with the attached.

Replace Appendix G of the Engineering Design Report in its entirety with the attached.

Replace the Reference section of the Engineering Design Report in its entirety with the attached.

Include the attached tables in the Tables Tab of the Engineering Design Report.

Include the attached figures in the Figures Tab of the Engineering Design Report.

Attachment 6 – Revised Design Drawings

Replace Sheets D-5, D-7, D-9, D-10 and D-11 with the attached sheets.

Attachment 7 – Settlement Monument Locations

NDEP Letter – 10/12/12

NDEP Comment

Generally the Application should consist of three main components. A Facility Operating Plan, Design Report and supporting investigatory data. The current sets of plans are not cohesive or easily referenced. Waste Management will be required to reorganize the current set to incorporate all the necessary regulatory requirements in a more efficient manner. Please Tab all Chapters, Appendices, Attachments etc. when responding.

This comment requests changes to the current, approved Operating Plan. The current, approved Operating Plan will be updated to address this comment and also incorporate

items related to the requested modification after issuance of the permit modification in accordance with agency requirements.

NDEP Comment:

Facility Monitoring Plan

The comments below regarding the Facility Monitoring Plan request changes to the current, approved Plan. The current, approved Facility Monitoring Plan will be updated to address these comments and also incorporate items related to the requested modification after issuance of the permit modification in accordance with agency requirements.

Introduction

1.1 Remove the reference to consultants, counties and Federal Regulations (in all cases), Nevada is an authorized state.

1.2.1 Update this section to include new information or data as necessary

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

1.3 Remove this section and place into an appendix with the supporting information

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

NDEP Comment:

2.0 Hydrogeological Conditions

Update this section to include new information or data as necessary

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

NDEP Comment:

3.0 Monitoring Systems

Maintain this as a descriptive narrative, place the sample collection protocols in the Monitoring program do not state protocols in more than one place.

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

NDEP Comment:

4.0 GW Detection Monitoring

Update this section to include new information or data as necessary

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

NDEP Comment:

5.0 Data Analysis

Update this section to include new information or data as necessary

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

NDEP Comment:

6.0 Air Quality Monitoring

Remove this section it is under the purview of the Bureau of Air Pollution Control

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

Figures

Update all figures to be current

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

Appendix A

Place Appendix A in the Design Report

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

Appendix D

Remove this in favor of an updated Facility Monitoring Plan

This comments request changes to the current, approved Facility Monitoring Plan and will be addressed as described above.

Facility Operating Plan

NDEP Comment:

Remove the reference to consultants, counties and Federal Regulations (in all cases) Nevada is an authorized state.

References have been removed from the revised Facility Operating Plan (Attachment 1).

NDEP Comment:

Remove all caveated statements like "in the unlikely event", "the possibility is remote", merely state what would occur in any event and what the response would be. Include in all plans a procedure for reviewing and updating the plans and procedures on a rotating basis including when an event occurs or the plan fails.

All statements like "in the unlikely event" and "the possibility is remote" have been removed. Section 1.3 contains procedures for addressing and updating operating plan modifications.

NDEP Comment:

As this site will be the terminus for waste received from sources not within the state of Nevada please include a notification process for the origination facility/sites that details the waste acceptance

criteria identified within the application and therefore the Permit. Specifically onsite personnel may not have knowledge of any particular shipment whether it is Construction & Demolition (C&D) or Municipal Solid Waste (MSW) or a "Special Waste", accordingly the Lockwood facility would then be dependent upon the training and knowledge of the personnel at the point of origination. The waste handling and acceptance must be consistent with the requirements of the permit and application regardless of where the waste originates from.

Section 5.2.4 addresses this comment. The heading has been changes from "Permitting" to "Waste Acceptance Criteria".

NDEP Comment:

The landfill will be effectively operated as two separate landfills at various times. As such all training, waste acceptance and levels of authority and training must reflect this. As such the NDEP has specific concerns related to the site and the impact this may have on the ability of response personnel (fire, medical, law enforcement) to respond in the event of an onsite incident and its concomitant impact on site personnel. Specifically, establishing site worker safety protocols will be paramount in the review process. The current plans are disconnected and may not provide the level of worker safety necessary due to the complexity of the site.

By example please note that NAC 444.684(4) requires a specific "plan of action", please provide a hierarchical system or list a series of specific steps taken in the event of an emergency. Please establish who or how a particular reaction (e.g. fire suppression) would be determined with level of responsibilities, gathering points, or evacuation routes etc. Accordingly the NDEP is, in accordance with NAC 444.641(1) and NAC 444.677(9), requiring the following.

Please incorporate all employee training, contingency plans, fire and emergency response, documentation of events and records into a single Integrated Sitewide Contingency Plan [ISCP] (guidance document outline enclosed). That captures the following:

- *Fire Control Program*
 - *Equipment and Personnel*
 - *Contingency Plan*
 - *Training Program*
1. *The job title for each position at the facility related to waste management, and the title of the employee filling each job;*
 2. *A written job description for each position listed above. This description must include the requisite skill, education, or other qualifications, and duties of facility personnel assigned to each position;*
 3. *A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed above.*
 4. *Establish records that document that the training and ongoing training or job experience required above has been given to, and completed by, facility personnel.*

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5. *Establish a Sitewide Emergency Coordinator (with alternates) that has specific authorities to at a minimum;*

- *Activate facility alarms or notification system for employee's onsite*
- *Notify local authorities as necessary*
- *Activate the Integrated Sitewide Contingency Plan*
- *Complete any other actions necessary to secure the site and ensure the safety of personnel*

Documentation of arrangements to familiarize police, fire departments, and emergency response teams with the layout of the facility, properties of solid waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to roads inside the facility, and possible evacuation routes. If more than one police and/or fire department may respond to an emergency, agreements designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to the primary emergency authority. Further, if employees are to be required to engage in a fire fighting activity, or any other activity outside of the normal course of site operations, the training program must include this. The NDEP will not approve a plan that does not provide comprehensive training for employees for any activity they may be required to be perform both within and without the normal course of their duties.

If local authorities decline to enter into such arrangements, please document the refusal in the operating record.

This comment will be addressed in the Integrated Site Wide Contingency Plan (ISCP) which is required by the Agency after issuance of the permit. The ISCP is currently being written and will be submitted for NDEP review and approval upon completion of the document.

Section:

1.2 last paragraph, remove the reference to EPA, remove the word "...may" and replace with "will". Rewrite this paragraph to be more precise.

Reference to EPA has been removed, and the word "may" has been replaced with "will".

NDEP Comment:

1.3 Any changes that affect the landfill as permitted will be submitted to the NDEP, approved and public noticed as required prior to implementation. Rewrite to reflect the regulatory criteria. Remove everything below this paragraph.

Regulatory protocol has been included in the paragraph and all text below 1.3 has been removed.

NDEP Comment:

2.0 *Remove this section*

Section has been removed.

NDEP Comment:

3.2.4 *Remove the third paragraph and place in section 5, remove the last paragraph*

Third paragraph has been removed from 3.2.4 and inserted in section 5.2.3. Last paragraph has been removed in section 3.2.4.

NDEP Comment: *4.2 List the equipment deployed at the site and rewrite to comply with NAC 444.684(1) and (4)(d).*

Equipment listed and back-up equipment identified.

NDEP Comment:

5.1 *Remove Aqueous Waste, liquid waste is restricted form landfilling.
What are "outdated products" is white waste/CFC Reclamation a Waste Stream?*

Reference to aqueous waste has been removed.

Reference to outdated products and CFC reclamation has been removed.

NDEP Comment:

5.2.3 *Second paragraph, qualify the "field decisions" to be consistent with permitted activities. Third paragraph, the "Support Supervisor" is not identified in the listing of landfill personnel. Please include and Identify level of authority, training etc.*

Include in this section the following:

Reference the 40 CFR 262.34 requirements that include;

1. *§262.30 Packaging.*
2. *§262.31 Labeling.*
3. *§262.32 Marking.*
4. *§262.33 Placarding.*
5. *§ 262.34 Accumulation time*

Section 5.2.3 has been rewritten to delete the text "field decision and support supervisor". Reference to 40 CFR, 262.34 requirements do not apply since the site will not handle or store hazardous waste.

Text has been added to Section 5.2.3 with respect to spotters at the working face and procedures that are followed to prevent prohibited activities and in the event unacceptable wastes are identified.

NDEP Comment:

5.2.4

It is not necessary to reference Washoe County Waste Release permits as long as the accepted waste is consistent with the permitted wastes to be disposed of at the landfill. Remove this section.

It is felt that this language must stay in the operating plan to inform our on-site personnel that any special waste originating from Washoe County requires a waste release permit prior to acceptance and disposal in accordance with the permit.

NDEP Comment:

5.3.2 All waste, inclusive of special wastes must have a sufficient amount of information associated with the waste stream to meet the requirement of NAC 444.737 in total.

Section 5.3.2 outlines the special waste accepted and descriptions of the wastes are provided below this section.

NDEP Comment:

5.3.2.1 Tires

Remove the first sentence. In accordance with NAC 444.652, the Division cannot approve the combination of two combustible waste streams (Tires and C&D material) within the same cell. For the requirement for C&D see the next comment. For the management of tires at the facility please resubmit a management plan for these for review and comment.

First sentence has been removed. Text revised to comply with cited regulation.

NDEP Comment:

5.3.2.2 C&D

This section should be updated to incorporate new information. Please include a management plan that segregates the cells as required.

Text has been revised to include management of C&D waste.

NDEP Comment:

5.3.2.3 Tanks and Drums

Remove the first sentence. Any waste must be incorporated into the Waste Characterization Plan for the facility. There are no "exceptions" by the SWMA. Remove the second sentence and rewrite to say no hazardous wastes will be accepted at the landfill as required.

First and second sentences have been removed and text revised to indicate that no hazardous waste is accepted.

NDEP Comment:

*5.3.2.5 Biohazardous Waste (Medical) Rewrite
this section to comply with NAC 444.646*

Medical Waste Section has been rewritten in accordance with NAC 444.646.

NDEP Comment:

5.3.2.5 Asbestos

Rewrite this entire section to comply with NAC 444.974 through NAC 444.976. Include Health and Safety References as necessary.

Section 5.3.2.5 has been rewritten in accordance with NAC 444.974-444.976.

NDEP Comment:

5.3.2.7 Incinerator Ash

There are no current regulations related to the disposal of Ash, please clarify.

Incinerator ash has been changed to non-hazardous ash, and the disposal method has been described.

NDEP Comment:

5.3.2.11 Waste Oils

If all oils and anti-freeze are to be shipped offsite, please remove them from the waste streams to be disposed

This section has been moved to 5.2.2. Landfill personnel need to know the limit on the quantities for acceptance of this recyclable waste stream.

NDEP Comment:

5.3.2.12 Bio-Solids

Re-Write this section to include the requirements of NAC 444.646 and NAC 444.694, if it is to be used as Alternative Daily cover (ADC) please describe the Alternative Daily Cover (ADC) in detail. Include a description of under what conditions ADC would and would not be used. Include only those things that will be used as ADC within the Application for approval. Also please provide some criteria for using and not using ADC, for example in inclement weather, high winds etc.

For the Class C biosolids there are no "prescribed permit conditions" please clarify.

The text has been revised to indicate that biosolids will not be used for ADC. The text regarding Class C permit conditions has been deleted.

NDEP Comment:

5.3.2.13 Asphalt Grinder

Remove this section

This section has been removed.

NDEP Comment:

5.4 Training Procedures

See General Comments

This comment will be addressed in the Integrated Site Wide Contingency Plan (ISCP) which is required by the Agency after issuance of the permit. The ISCP is currently being written and will be submitted for NDEP review and approval upon completion of the document.

NDEP Comment:

6.0 Cover

Update this section with new or updated information. Remove the paragraph on training and reference specific Training the Site wide Training program for that particular position.

Section has been updated to reflect current conditions and operations. The training section will be removed and submitted as part of the Integrated Site Wide Contingency Plan.

NDEP Comment:

7.0 Fugitive Dust

Remove this section it is within the purview of the Bureau of Air Pollution Control and rewrite to comply with NAC 444.696 Control of erosion and dust.

Reference to Air Pollution Control Permit has been removed and this section rewritten to meet the requirements of NAC 444.696.

NDEP Comment:

8.0 Landfill Gas and Odor

Remove sections 8.1, 8.2 and merely describe the Methane Monitoring Program (likely better placed in the Facility Monitoring Plan FMP).

Remove all references to the Air Permit.

Keep Sections 8.4.2 and 8.5. Move all this to the FMP

Move sections 8.6, 8.7 and 8.8 to the ISCP

Section 8-1 has not been removed and is kept in the plan to give personnel an understanding of importance and cause of gas in the landfill. Section 8.1 and 8.2 will be submitted as part of the updated Facility Monitoring Plan upon issuance of the permit. Sections 8.2, 8.3 and 8.4 have been removed. Section 8.5 remains in the plan since it is felt to be operational criteria. Sections 8.6, 8.7 and 8.8 have been retained in the plan but are renumbered. Sections 8.6, 8.7 and 8.8 will submitted as part of the Integrated Site Contingency Plan.

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NDEP Comment:

9.0 Fire

Move this to the ISCP

Section 9.0 will be submitted as part of the Integrated Site Wide Contingency Plan.

NDEP Comment:

10.0 Vectors

10.1 Describe the methods of operation to control burrowing animals and to reduce the Lockwood Landfills attractiveness.

The second paragraph of Section 10.2 addresses this comment.

10.2 Remove the first paragraph

The first sentence of Section 10.2 has been deleted. The remainder of the paragraph is left in the plan since it is felt necessary for clarity to the operators.

NDEP Comment:

Section 11

Move this section to the FMP

Section will be incorporated into the Facility Monitoring Plan upon issuance of the permit.

NDEP Comment:

Section 12

Update this section, please do not restate the regulations the Division is aware of them.

Reference to federal regulation has been deleted and NAC is now referenced.

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NDEP Comment:

Section 13 H&S

Move this section to the ISCP

Section will be submitted as part of the Integrated Site Wide Contingency Plan.

NDEP Comment:

Figures

Update this section with new or updated information

This comment request a change to the current, approved Operating Plan. The current, approved Operating Monitoring Plan will be updated to address this comment and also incorporate items related to the requested modification after issuance of the permit modification in accordance with agency requirements.

NDEP Comment:

Appendix 1-1

There is not permit in this section

The current permit is included in Attachment 1 for insertion into Appendix 1-1.

NDEP Comment:

*Appendix 2-1 Emergency Plan
Incorporate this into the ISCP*

Appendix 2-1 will be submitted in the Integrated Site Wide Contingency Plan.

NDEP Letter – 02/06/13

NDEP Comment:

Please incorporate the application of dust control liquids into the Operations Plan (Letter of 8/23/11 Carr to Taylor); this will be a reportable application of liquids for the purposes of meeting NAC 444.696. Place it in Section 14.2.5.

Application of dust control liquids is addressed in Section 7.3.1. Text revised in section 14.2.5 as a reportable application of liquids.

NDEP Comment:

Place the Settlement Calculations for the C&D Area submitted as a response to the May 24, 2012 into the Report of Design.

This item was addressed in Attachment C of our response to the Agency's September 26, 2012 letter. It is presented in Attachment 5 to this response for your convenience.

NDEP Comment:

The Division has previously commented on the need for a comprehensive response plan in accordance with NAC 444.684. Currently the Division intends to make this a compliance item in the draft permit to be submitted for review and approval within 30 days of issuance. Please ensure this plan will be ready within that time frame.

Comment noted.

NDEP Comment:

Please provide Financial Assurance through Closure Phase 1 as noted in table 2.1 of the Closure Plan in conjunction with Updated Closure and Post – Closure Cost Estimates.

The finance assurance requirement for Phase 1 is presented in Attachment 3.

NDEP Comment:

Please provide Elevation details for the Detention Ponds for inclusion into the drawing set.

See attached sheets D-5, D-7, D-9, D-10 and D-11 of the Design Drawings. Please delete and insert referenced drawings with the drawings presented in Attachment 6.

NDEP Comment:

Attachment 1 ~ Reporting Format for Environmental Monitoring [Lockwood Landfill]

Please incorporate this into the Facility Monitoring Plan for future reference.

This comment requests a change to the current, approved Facility Monitoring Plan. The current, approved Facility Monitoring Plan will be updated to address these items and also incorporate items related to the requested modification after issuance of the permit.

NDEP Comment:

Please make the following changes;

Move Section 9 to create a revised "Section 6" Rename it to say Summary "And Conclusions."

Revise the "List of Tables" to reflect the following:

Place GW Data (field and lab) as the first table(s)

Include a Summary of "Significant Events" table, by example dates of installation of wells, changes in analytical labs, changes in sampling requests for changes within the application etc.

Create one from existing information.

These comments request changes to the current, approved Facility Monitoring Plan. The current, approved Facility Monitoring Plan will be updated to address these comments and also incorporate items related to the requested modification after issuance of the permit modification in accordance with agency requirements.

NDEP Comment:

Attachment A ~ Addendum to the Lockwood Regional Landfill Facility Monitoring Plan

Remove the reference to "Addendum" and include as a section of the Facility Monitoring Plan.

This item involves incorporating the Addendum to the Facility Monitoring Plan prepared in support of the permit modification into the current, approved Facility Monitoring Plan. To maintain the distinction between monitoring details that are being proposed in support of the proposed permit modification and the current approved plan, we recommend this comment be addressed after issuance of the permit modification as part of the process to

combine the currently permitted documents with those under consideration as part of the modification.

NDEP Comment:

Groundwater Monitoring

Please correct the misspelling

Please rewrite Table 1 to reflect the progression of the landfill i.e. reference the respective phase and which well(s) will be installed for each of the phases rather than the years timeframe. Include a timeframe that they will be installed to allow for background sampling, of at least 180 days prior to the initiation of construction.

These items have been incorporated into the Addendum to the Facility Monitoring Plan presented in Attachment 4.

NDEP Comment:

Perimeter Gas Monitoring

Reference the installation timeframe as noted above. Rather than stating “in accordance with the regulations...” Include the actual frequency as required by NAC 444.667. Please remove any phrases that allude to as required by the regulations et al. and state exactly how the regulation will be complied with.

These items have been incorporated into the attached Addendum to the Facility Monitoring Plan. Changes have been made to Figures AD-6 through AD-8 to add clarity regarding the different types and associated nomenclature of the sampling devices. These Figures are also presented in Attachment 4.

NDEP Comment:

Vadose Zone Monitoring

Reference the installation timeframe as noted above. Remove the first and third sentence. The Division will not approve the monitoring for “liquids” this will not provide sufficient regular analysis in determining whether migration is occurring or not. Please provide a different monitoring scheme. Again

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reference the exact NAC regulation that will be used in notifying the Division and the process that will followed prior to notification.

These items have been incorporated into the attached Addendum Facility Monitoring Plan. As discussed with NDEP, the vadose zone monitoring program is separate and distinct from the perimeter gas monitoring program, and is designed to monitor for the potential presence of liquid in the canyon bottoms.

NDEP Comment:

Leachate Monitoring

Remove the second sentence.

These items have been incorporated into the Addendum to the Facility Monitoring Plan presented in Attachment 4.

Operations Plan

NDEP Comment:

Section 1.2 Scope Remove the second paragraph, Nevada is an authorized state and has adopted all the federal regulations related to Landfill permitting.

Section 1-2 second paragraph has been deleted and all Federal references removed.

NDEP Comment:

Section 4 This will be included in the ISCP previously required...

Section 4 will be submitted as part of the Integrated Site Contingency Plan.

Section 4.2 Please clarify what "sufficient equipment" is, include all the necessary information as required by NAC 444.684.

This question was previously addressed as part of our response to the 10-12-12 NDEP Comment letter (above).

Section 5 Special Waste Handling

NDEP Comment:

Section 5.3.2.1 Waste Tires

Please include a more detailed description of how waste tires are disposed that meets the requirements of NAC 444.648. As the tires will apparently be disposed of in the Class III area please include a description that meets the requirements of NAC 444.652, particularly please remove language that states "...in accordance with..." and include specific operational constraints.

Text modified to meet requirements.

NDEP Comment:

Section 5.3.2.2 C& D Waste

Please include a description of C&D Waste for inclusion into this section.

A description has been included as requested.

NDEP Comment:

Section 5.3.2.3 Empty Tanks

Please do not state "in accordance with..." include specific management requirements. The Division does not provide exclusions for types of wastes, remove this sentence.

"In accordance with" has been deleted, and the section rewritten.

NDEP Comment:

Section 5.3.2.5 BioHazardous Waste

This appears to meet the description of Medical waste Please retitle or provide a specific description.

Section has been re-titled to "Medical Waste".

NDEP Comment:

Section 5.3.2.6 Asbestos Waste

Please include in this section ALL the requirements of NAC 444.976.

Text revised to include all requirements of the NAC.

NDEP Comment:

Section 5.3.2.7 Incinerator Ash

There are no current regulations that describe co-mingling with MSW please clarify.

This question was previously addressed as part of our response to the 10-12-12 NDEP Comment letter (above).

NDEP Comment:

Section 5.3.2.9

Include the area where Wood Waste may be handled but remove it from the application if it will not be disposed and a timeframe that it will be shipped offsite.

Text in this section has been modified to address NDEP comments.

NDEP Comment:

Section 5.3.2.10 White Metals Handling

If wastes are to be managed onsite but off the footprint, please do not include them within the application off wastes that will be disposed, please remove them.

Text in this section has been modified to address NDEP comments (white metals are managed within the waste footprint).

NDEP Comment:

Section 5.3.2.11

See above.

Previously addressed as part of our response to the 10-12-12 NDEP Comment letter (above).

NDEP Comment:

Section 5.3.2.12 Biosolids

If these wastes are to be managed consistent with a permit other than the Waste disposal permit please remove or include specific disposal criteria as required by NAC 444.646.

Text has been modified to reflect NAC 444.646.

NDEP Comment:

*Section 5.3.2.13
Asphalt grinding operations
Please remove this section.*

This section has been removed.

NDEP Comment:

Section 5.3.2.14

This section is less than clear. If there is an activity that occurs outside of the footprint of the disposal site it does not need to be include in the application (solidification) particularly if it is regulated by another regulatory agency. If it is to be used as Dust-Suppressant include it as a response to the comment under General comments. Include the waste acceptance criteria in the Waste Characterization plan and disposal/management criteria in the wastes to disposed section. Please remove the bolding from the second bulleted item, while impressive it is unnecessary; merely include it in the waste acceptance plan.

Text associated with activities that occur outside of the footprint have been deleted. Revisions were made to clarify liquid application for dust control.

Section 6 Cover

NDEP Comment:

Section 6.2

Please clarify which Alternative Daily Cover will be used and under what weather meteorological/conditions each will be used.

This question was previously addressed as part of our response to the 10-12-12 NDEP Comment letter (above).

NDEP Comment:

Section 6.3.3 Final cover

Please remove the second to last sentence, expansion of the Landfill will be in accordance with modifications submitted to the Division.

Referenced text has been deleted in this section.

NDEP Comment:

Section 6.6 Cover Maintenance

Clarify this section to refer to Daily, Intermediate or Final cover and include specific criteria for repairs particularly for the final cover that includes depth, length of runnels, and extent of settlements that occur.

Text modified to address comment. Section 6.5 addresses the extent of settlement.

NDEP Comment:

Section 6.7 training

Move this section to the ISCP

This section will be submitted as part of the Integrated Site Wide Contingency Plan.

NDEP Comment:

Section 11 Leachate Management and Groundwater/Surface Water/Vadose Zone Monitoring

The Division would like to clarify the purpose of this section, is this not already stated and incorporated in the Facility Monitoring Plan, please clarify. Please include a Leachate Management plan as required by NAC 444.684(4)(f). Clarify for the third bulleted item that the application of Leachate is in accordance with NAC 444.692(2)(a) and NAC 444.7025(1)(d).

Section is addressed in the Facility Monitoring Plan but language is also included as part of the Operations Plan because it is useful in describing day-to-day operational requirements of the landfill.

The NAC is cited and the regulations stipulate that only the lined portion of the landfill is where recirculation of leachate is to occur.

Waste Management of Nevada, Inc.
Response to State of Nevada
Division of Environmental Protection
Correspondence dated 10/12/12/12 and 02/06/13.
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Section 12 Surface Water Management

NDEP Comment:

Section 12.2 Surface Controls

Remove the reference to federal regulations and insert the appropriate NAC regulation.

Reference to federal regulation has been removed and NAC added.

Second paragraph, remove the reference to diversion to Long Valley Creek the Division has no authority to permit the diversion of waters offsite. All Waters must be controlled onsite or it would be considered a release.

Reference to Long Valley Creek has been removed. Run-off waters are controlled on-site.

Last paragraph, place a response in the ISCP that relates to this contingency, both as a response to control waters and reporting requirements to the Division.

The text will be incorporated into the Integrated Site Wide Contingency Plan.

NDEP Comment:

Section 12.2.1 Inspections and Maintenance

Remove any vague language such as “..maintained in a manner...” and place specific requirements schedules reporting, recordkeeping and responses in this section.

“Maintained in a manner” text has been deleted and text revised to indicate that maintenance will be performed in accordance with the requirements set forth in the site’s Stormwater Pollution Prevention Plan (SWPPP).

Section 1 Closure/Post-Closure Maintenance Plan

NDEP Comment:

Section 1.1 Purpose

Remove the reference to the Subtitle D, the Facility is regulated under the Nevada Administrative Code.

Federal reference has been removed in this section.

NDEP Comment:

Section 1.2

See above.

Federal reference has been removed in this section.

NDEP Comment:

Section 1.3 Proposed Landfill Development

The Volumes and Area in this section are not consistent with the areas and volumes in the 12/21/2011 Modification request please clarify.

Volumes changed to be consistent with the 12/21/2011 Modification request.

Section 2 Closure Plan

NDEP Comment:

Section 2. Schedule...

Include a provision for early closure, e.g. a closure that would occur should the landfill not expand to the requested area and or volume.

Section 2 has been modified to address early closure.

Post-Closure Maintenance Plan

NDEP Comment:

Remove ALL instances of “should” and replace with “will.”

All instances of “should” have been replaced with “will”.

NDEP Comment:

Section 3.2 Facility Inspection and Maintenance program

First Paragraph, revise to include an adjustable schedule, e.g. Quarterly Inspections for the first 5 years, semi-annual for the following 5 years and annual for the remainder of the post closure period unless inspection warrant revision to increased frequency.

Text has been revised to include schedule modifications suggested in the comment.

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Second paragraph, include specific criteria to detail what would comprise a “crack” “slump” reduction in slope etc.

Text revised to address comment.

Move section 3.2.3 into Section 3.2.1, and include a drawing of the anticipated locations of the “settlement monuments” for inclusion into the drawing set.

Section 3.2.3 has been moved to section 3.2.1 and is labeled as Section 3.2.1.1.

Drawing 3-1, “Settlement Monument Locations” for the proposed modification is presented in Attachment 7. This figure will be incorporated into the Closure/Post-Closure Maintenance Plan on issuance of the permit.

We trust this information suits your current need. Please do not hesitate to contact us with any questions or comments.

Sincerely,

Applied Soil Water Technologies, LLC



Robert B. Valceschini, P.E.
Principal/Senior Engineer

Attachments:

- Attachment 1 – Facility Operating Plan
- Attachment 2 – Closure/Post-Closure Plan
- Attachment 3 – Financial Assurance
- Attachment 4 – Addendum to the Facility Monitoring Plan
- Attachment 5 – C&D Response
- Attachment 6 – Revised Design Drawings
- Attachment 7 – Settlement Monument Locations

CC: William Carr, P.E., WM
Mark Franc, P.E., WM
Jim Obereiner, R.G., WM