

**IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY
REUSE PERMIT**

M-015-05 – Modification 1

Permittee Name: **Bottle Bay Recreational Water and Sewer District**

Effective Date of this Modification: **February 9, 2018 - Final**

Complete Description of Modification

The purpose of this Permit Modification is to extend compliance activity due dates for an updated silvicultural report and updated plan of operations for Reuse Permit No. M-015-05. Items not changed by this modification are covered in Reuse Permit No. M-015-05.

1. **Section 3. Compliance Schedule for Required Activities.** Page 8 of the Reuse Permit.
Replace the table with the following:

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-015-01 Within 6 months of permit issuance	<p>Plan of Operation (PO): The permittee shall submit for review and approval a Plan of Operation (PO) that reflects current operations and incorporates the requirements of this permit. The PO shall comply with the applicable requirements stated in IDAPA 58.01.17.300.05 and shall address applicable items in the Plan of Operation Checklist in the DEQ Guidance.</p> <p>The PO shall include the following site management plans or the permittee may submit the site management plans individually:</p> <ol style="list-style-type: none"> 1. Buffer zone plan; 2. Emergency operating plan; 3. Irrigation management and scheduling plan; 4. Nuisance and Odor management plan; 5. Runoff management plan; 6. Well location acceptability analysis; <p>The PO shall be updated as needed to reflect current operations. The permittee shall notify DEQ of material changes to the PO and copies shall be kept on site and made available to DEQ upon request.</p>

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-015-02 Within 6 months of permit issuance	<p>Quality Assurance Project Plan (QAPP): The permittee shall prepare and implement a QAPP that incorporates all monitoring and reporting required by this permit. A copy of the QAPP along with written notice that the permittee has implemented the QAPP shall be provided to DEQ.</p> <p>The QAPP shall be designed to assist in planning for the collection, analysis, and reporting of all monitoring in support of this permit and in explaining data anomalies when they occur. At a minimum, the QAPP must include the following:</p> <ol style="list-style-type: none"> 1. Details on the number of measurements, number of samples, type of sample containers, preservation of samples, holding times, analytical methods, analytical detection, and quantitation limits for each target compound, type and number of quality assurance field samples, precision and accuracy requirements, sample preparation requirements, sample shipping methods, and laboratory data delivery requirements. 2. Maps indicating the location of each monitoring, and sampling point. 3. Qualification and training of personnel. 4. Names, addresses, and telephone numbers of the laboratories used by or proposed to be used by the permittee. 5. Example formats and tables that will be used by the permittee to summarize and present all data in the annual report. <p>The format and content of the QAPP should adhere to the recommendations and references in the Quality Assurance and Data Processing sections of the DEQ Guidance.</p> <p>The permittee shall amend the QAPP whenever there is a modification in sample collection, sample analysis, or other procedure addressed by the QAPP. The permittee shall notify DEQ of material changes to the QAPP and copies shall be kept on site and made available to DEQ upon request.</p>

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description						
CA-015-03 As Specified	<p>Seepage Testing: The following table shows the date by which the permittee shall complete seepage testing on the specified lagoons:</p> <table border="1" data-bbox="477 569 1362 785"> <thead> <tr> <th data-bbox="477 569 920 642">Lagoon:</th> <th data-bbox="920 569 1362 642">Seepage Test Due Date:</th> </tr> </thead> <tbody> <tr> <td data-bbox="477 642 920 711">Aeration Lagoon (LG-01501)</td> <td data-bbox="920 642 1362 711">July 1, 2020</td> </tr> <tr> <td data-bbox="477 711 920 785">Storage Lagoon (LG-01502)</td> <td data-bbox="920 711 1362 785">May 25, 2020</td> </tr> </tbody> </table> <p>Submit to DEQ for review and approval a proposed schedule and procedure for performing the required seepage tests at least 42 days prior to the planned seepage test. Guidance for developing seepage test procedures are available at: http://www.deq.idaho.gov/water-quality/wastewater/lagoon-seepage-testing.aspx The seepage test procedures shall be sealed by the Idaho licensed professional engineer or professional geologist in responsible charge for the test.</p> <p>Seepage tests shall be completed in accordance with the procedures approved by DEQ. The seepage test report shall be sealed by the person in responsible charge and submitted within 90 days after completion of the seepage test.</p> <p>For municipal lagoons, the leakage rate for lagoons constructed after April 15, 2007 shall be no more than zero point one hundred twenty-five (0.125) inches (1/8 inch) per day. The leakage rate for existing lagoons constructed prior to April 15, 2007 shall be no more than zero point twenty-five (0.25) inches (1/4 inch) per day. See IDAPA 58.01.16.493.03. Requirements for lagoons leaking above the allowable amount are outlined in IDAPA 58.01.16.493.04.</p>	Lagoon:	Seepage Test Due Date:	Aeration Lagoon (LG-01501)	July 1, 2020	Storage Lagoon (LG-01502)	May 25, 2020
Lagoon:	Seepage Test Due Date:						
Aeration Lagoon (LG-01501)	July 1, 2020						
Storage Lagoon (LG-01502)	May 25, 2020						
CA-015-04 5 th year of permit	<p>Groundwater Monitoring Report: The permittee shall prepare and submit to DEQ a report discussing results from all groundwater monitoring data available. The report must discuss any trends in groundwater monitoring results and determine if trends are statistically significant. The report must include future site operations recommendations based on conclusions from the groundwater monitoring results discussion.</p>						
CA-015-05 5 th year of permit	<p>Silvicultural Report for Existing Irrigation Site: An updated silvicultural plan for the reuse site prepared by a professional silviculturist shall be submitted to DEQ. This plan should include the dominant vegetation species occupying the application site, estimated percentage of the application site occupied by each of the dominant species, land management activities that will maximize ET and nutrient uptake, harvesting schedules, and nutrient uptake estimates with literature references for the dominant species present. Once completed the silvicultural plan shall be included in the updated plan of operation.</p>						

Compliance Activity (CA) Number and Completion Due Date	Compliance Activity Description
CA-015-06 Prior to construction of the expansion irrigation site	<p>Plans and Specifications: Plans and specifications for the expansion irrigation site must be submitted to and approved by DEQ prior to construction activities at the site. Plans must be prepared, stamped, and signed by a Professional Engineer licensed in the State of Idaho.</p>
CA-015-07 No later than July 31, 2018	<p>Silvicultural Report for Expansion Irrigation Site: An updated silvicultural plan for the reuse site prepared by a professional silviculturist shall be submitted to DEQ. This plan should include the dominant vegetation species occupying the application site, estimated percentage of the application site occupied by each of the dominant species, land management activities that will maximize ET and nutrient uptake, harvesting schedules and nutrient uptake estimates with literature references for the dominant species present. Once completed the silvicultural plan shall be included in the updated plan of operation.</p>
CA-015-08 No later than January 31, 2019	<p>Updated Plan of Operation (PO): The permittee shall submit for review and approval a Plan of Operation (PO) that reflects current operations and incorporates the requirements of this permit. The PO shall comply with the applicable requirements stated in IDAPA 58.01.17.300.05 and shall address applicable items in the Plan of Operation Checklist in the DEQ Guidance.</p> <p>The PO shall include the following site management plans or the permittee may submit the site management plans individually:</p> <ol style="list-style-type: none"> 1. Buffer zone plan; 2. Emergency operating plan; 3. Irrigation management and scheduling plan; 4. Nuisance and Odor management plan; 5. Runoff management plan; 6. Well location acceptability analysis; 7. Silvicultural Report for Expansion Irrigation Site <p>The PO shall be updated as needed to reflect current operations. The permittee shall notify DEQ of material changes to the PO and copies shall be kept on site and made available to DEQ upon request.</p>
CA-015-09 1 year prior to permit expiration	<p>Pre-Application Workshop: If the permittee intends to continue operating the reuse facility beyond the expiration date of this permit, the permittee shall contact DEQ and schedule a pre-application workshop to discuss the compliance status of the facility and the content required for the reuse permit application package.</p>
CA-015-10 6 months prior to permit expiration	<p>Renewal Permit Application: The permittee shall submit to DEQ a complete permit renewal application package, which fulfills the requirements specified at the pre-application workshop identified in CA-015-04.</p>

Reuse Permit M-015-05
Modification 1: FINAL

Permit Expiration: June 11, 2021

Modification 1 is hereby approved. This modification to the permit is incorporated into, and constitutes a part of, Reuse Permit No. M-015-05. This permit modification must be attached to the permit. The permit is incomplete and unlawful under IDAPA 58.01.17, *Recycled Water Rules*, without this permit modification attached.

Signed,



Daniel Redline, Regional Administrator
Coeur d'Alene Regional Office
Department of Environmental Quality

2/8/2015
Date