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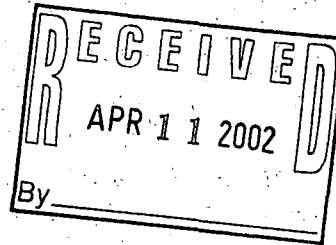
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April 10, 2002

Ms. Susan Pelz
Department of Environmental Protection
3804 Coconut Palm Dr.
Tampa, Florida 33619



**RE: Sumter County Digester #2 infeed and discharge modification
Pending Modification No.: 126940-009-SC
SEI File: 921100.015**

Dear Ms. Pelz,

We are in receipt of your request for additional information dated March 18, 2002 regarding the above referenced project. Please find the following responses:

1. Please provide three copies of all requested information. All copies must include the signature and seal of the professional who prepared them.
1. **Three copies of all requested information are provided.**
2. Please provide construction details of the proposed discharge structures (hoppers, structure, conveyors, new blower, etc.) and associated building (roof) extension.
2. **The requested construction details are attached.**
3. Please clarify if the proposed ram-feed mechanism is identical to the previously construction Bedminster unit. If so, please reference the previously approved drawings for construction of this system. If not, since the drawings provided are for the Bedminster system (September 1996), please provide details for the portions of the feed system which are not the same as the Bedminster details. The figures from MGL Engineering are acceptable for showing the different operational configurations.
3. **The proposed ram-feed mechanism for the new digester is identical to the existing ram-feed mechanism previously permitted and constructed. The previously approved drawings will be used to construct the new mechanism.**
4. Please clarify if the feed compartment is separated (e.g. by a bulkhead) from the digester unit.
4. **The ram-feed mechanism pushes the material directly into the west (infeed) end of the digester. The feed compartment is not separated from the digester.**

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5. Please provide calculations which demonstrate that the existing scrubber system is adequate for the additional loading from the new digester (e.g. blower sizing).
5. **The capacity of the scrubber system is dependent upon the flow of air presented through the scrubber system by the blower motor attached to the scrubber. With the current roots blower in operation, the blower motor continues to create a vacuum pulling air from the header of the existing digester. The operation of the Roots blower is now a 15 minutes on, 15 minutes off cycle. The new digester has a Roots blower that is identical to the blower on the existing digester. The operation of the Roots blowers will be an alternating operation with a 15-minute on 15 minute off cycle so that each Roots blower will be operating ½ of the time. The scrubber will continue to be operated continuously pulling air from both digesters as the vacuum pressures dictate. The capacity of the scrubber blower will not need to change. The capacity of the scrubber will be sufficient to pull all of the air from the digesters for cleaning. The frequency of the water change-out in the scrubber increased to a frequency greater than 1 per week change-out which is currently performed.**
6. The information indicates that both digesters will not be loaded at the same time. Please clarify if material will be in-process in both digesters at the same time.
6. **The digesters will not be charged at the same time. Both digesters will be turning, processing and composting material at the same time.**
7. Please publish the attached Notice of Application and provide proof of publication to the Department.
7. **The Notice of Application proof of publication is attached.**

We trust this information meets your needs at this time. Should you have any questions or require any additional information, please do not hesitate to contact our office.

Very truly yours,
Springstead Engineering, Inc.


David W. Springstead, P.E.
Florida Registration No. 48229

DWS/jal

cc Garry Breeden - Sumter County
Mitch Kessler - Kessler Consulting, Inc.

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ATTN. TERRY.

