FAGAN ENGINEERS
& LAND SURVEYORS PC

December 12, 2019

Mr. Guillermo Saar, Environmental Analyst
NYSDEC, Region 8
Division of Environmental Permits
6274 East Avon-Lima Road
Avon, NY 14414-9519

RE: County Line MRF
Cayuta (T), Schuyler (Co), NY
FE Project # 2019-15

Dear Mr. Saar:

This is our response to your comments provided on November 26, 2019 for the above referenced project. The following is an item by item response, numbered in accordance with your original comments.

State Environmental Quality Review (SEQR)

1. Provide the identity of the intended Lead Agency. The Lead Agency must follow the procedures in 6 NYCRR Part 617, including determination of the project's SEQR designation.

R1. NYSDEC has been identified as the Lead Agency.

General Operations

2. The proposed 4,000-gallon leachate holding tank must be dual contained per NYCRR Part 360.19(n). The design of this tank must be consistent with the above ground or below ground requirements.
    - Please provide more information as to how often this tank is expected to be pumped.

- By whom will the tank be pumped?
- What facility (which wastewater treatment plant, or what other facility) will the tank's pumped process water be taken to?

R2. Please see Engineering Report 3.0 Description of Operations subsections MRF Building and Process Water.

3. Will there be a residential drop off area? If so, please provide a description of the operation and depict this on the site plan/flow diagram. Please see 6 NYCRR Part 360.16(c)(4)(ii)(n).

R3. There will be no residential drop off at this site. See Engineering Report 3.0 Description of Overall Operations.

4. The 10% contingency line item may be removed from the closure cost estimate.

R4. The 10% contingency line has been removed. See Appendix G. closure cost estimate.

5. Please include a list of all equipment and instruments requiring calibration and a schedule of proposed calibration intervals per 6 NYCRR Part 360.16(c)(4)(ii)(i).

R5. Please see Operation & Maintenance Plan 2.6 Site Equipment.

6. Attachment #1 was not submitted with the application packet, please provide.

R6. Please see Appendix F. Material Flow Diagram.

7. Please clarify and revise the references to *Attachments* in the body of the text to coincide with the appropriate *Appendices*.

R7. References to Attachments have be revised with appropriate Appendices.

MSW Processing Facility Operations

8. Show where the fixed radiation detection unit will be located on the site plan.

R8. Fixed radiation detection unit has been added to Site Plan C2.

9. Please provide more information on the mechanical means by which the sorting of material separation will be used. Indicate what the equipment will be, where it will be located (indicate this on the site plan) and how it will be operated.

R9. Please see Engineering Report, 3.0 Description of Overall Operations, Handling Section.

10. "The approximate maximum storage capacity inside the building is 150 cubic yards". Please verify that no loose material or unloaded material will be left on the operations/sorting floor at the end of each operating shift. Please verify how 6 NYCRR Part 362-2.3(i) will be satisfied. Specifically, that no waste will be stored unprocessed for more than three calendar days.

R10. Please see Engineering Report 7.0 Storage.

11. Please include additional processed on the proposed Material Flow Diagram to indicate how received waste will not be contaminated with other loads of waste before or after the vehicle is unloaded directly onto the building floor.

    - Please include additional depictions in Appendix C indicating where and how loaded vehicles will be unloaded and how the flow of operations will occur. Will there be several sorting areas? Will there be several material storage areas? How will the various salvaged materials be stored after immediate separation?

R11. Material storage areas have been added to site plan C2. Please see Appendix F Material Flow Diagram for where and how flow of operations will occur.

Mulching Operations

12. Please provide more information on the operation of the proposed mulching process.

    - Include the estimated maximum amount of material (incoming, primary ground mulch and finely ground mulch) will be on site at any one time.
    - Please verify that regulation 6 NYCRR 361-4.3(a)(4) will be in compliance
    - Please verify that regulation 6 NYCRR 361-4.3(a)(5) will be in compliance
    - Be more specific in the site plan depiction of the "Wood Storage Area". Where will the incoming, primary ground mulch and finely ground mulch be stored. If roll off contains will be used, show the maximum amount of roll off's that are anticipated to be used at any one time.

- Please include an analysis of your mulching process in the NYSSWMP, County Waste Management Plan and, if applicable, Section 1.7 of the Operations and Maintenance Plan.
- Please show the storage locations of the material (incoming, primary grind mulch and finely ground mulch) on the site plan.

R12. Please see 7.0 Storage, Recovered Materials.

Tire Operations

13. Please show the proposed storage locations for tires on the site plan.

R13. Proposed tire storage location has been added to site plan C2.

Forms and Record Keeping

14. Please include *site-specific* blank forms, referencing the necessary details specified in the current regulations; Daily log of wastes per 6 NYCRR Part 360.19(k)(2)(i). Routine inspection logs per 6 NYCRR Part 360.19(k)(2)(ii). Please refer to submitted Section 5.0 of the submitted Operations and Maintenance Plan. These forms should include a combination the following:

    - A form for recording and documenting the quantity, origin and type of material received at the facility
    - A form for recording and handling of unauthorized waste
    - Self-inspection forms
    - An unauthorized waste tracking form
    - Maintenance and equipment checklists, schedules and performance records
    - Random load inspection form

R14. Please see Appendix I. Blank Forms.

15. Once the closure cost estimate has been approved, the mechanism for financial assurance needs to be in place at least 60 days prior to initial receipt of waste; see 6 NYCRR Part 360.22(a)(1). Please be aware that for a surety bond or letter of credit with a value greater than $50,000, a standby trust fund must also be established.

R15. Understood.

Noise

16. You provided the estimate of 171 truck trips per day (125 trips w/ roll off transfer trucks, 46 trips w/ tractor trailers, and 14 trips w/ pickup trucks/cars), and the operations of a wood grinder, excavators, a yard tractor, a loader and a skid steer in your Full Environmental Assessment Form, Engineering Report and Operations and Maintenance Plan.

    Your noise assessment is based on the concurrent operation of excavator, trucks, telehandler and a wood grinder. The projected noise must reflect a worst-case scenario of all machinery operating concurrently. Please include the projected noise levels for the worst-case scenario of all noise sources operating at the same time on site, including all of the equipment and vehicles as noted in the first paragraph of this section, above. This should include any access road changes and noise attenuating berm locations and elevations. If you are willing to take restrictions on operations to lower noise levels, you may include that as well.

    You state that the, *"level of truck traffic already present on NY-13 is believed to contribute to a background noise level greater than the standard for a rural area of 57 dB…".* However, no ambient level is stated, nor is an ambient level shown in calculations.

    Cayuta appears to be rural in the vicinity of the site. The noise comments in this section stem from this assumption. If you feel the rural community character does not apply, please provide justification. The Ambient dBA reading can be assumed, per the Noise section table in Part 360.18(j) to be 57 dBA (Rural). Alternately, or if you feel that this level does not accurately reflect ambient levels, you may elect to undertake field measurements to determine ambient noise levels.

    Please show calculations that anticipated sound levels from the facility sources and background sources combined will not exceed 57 dBA, or that they do not exceed the ambient noise level as measured in the field, by more than 3 decibels, factoring in the mitigation of the distance to neighboring properties, the stated double row of evergreens and any other mitigating factors. Please note that the row of evergreens would provide, per guidance, a mitigation ranging from 3 dB to 7 dB, where the most dense and most mature stand of trees would be 7dB, and a more conservative approach would then scale back the mitigation for trees of decreasing maturity and density.

    If the noise assessment indicates the leq energy equivalent sound levels will be exceeded, a noise monitoring and control plan to mitigate or monitor sound levels must be included in the application as part of the facility manual. In addition to the noise assessment, provide the locations of the nearest receptors on the plan map.

R16. Please see Operation & Maintenance Plan 2.16 Control of Litter, Vectors, Insects, Noise and Odors.

Air Pollution Control

17. You provided an Air Facility Application Registration. Based on a review of the materials provided, the Department's Division of Air Resources has determined that an air registration is not needed for this project.

R17. Understood.

If you have any questions or comments, please feel free to contact me at (607) 734-2165, ext. 237.

Sincerely,

FAGAN ENGINEERS & LAND SURVEYORS, P.C.

Brian M. Grose, EIT
Staff Engineer

cc: Bob Mente, w/ attachments