# Rubric: Evaluating Alternative Measurement Protocol

*How to use this tool: For a transfer/processor facility proposal the applicable sections are #1-2. For a compost facility/operation proposal, see #3. For in-vessel digestion facility, see #4. Add information to #5 for recommendations to change the terminology used in the report to better match the terminology used in the SB 1383 regulations.*

**Facility Name/SWIS** #:

**Summary of process/alternative(s) proposed based upon our review and understanding of the proposal:**

*Succinctly summarizing the current flow of materials and proposed measurements/alternatives will help the LEA/facility understand and confirm if your understanding of the proposal is correct. Add any useful diagrams into this space also.*

## Transfer/Processor Rubric: Alternative Measurement Protocols

**Pertinent regulatory text: 17409.5.9(a)** The EA may approve, with concurrence by the Department, alternative measurement protocols to the requirements of Sections 17409.5.2, 17409.5.3, 17409.5.4, 17409.5.5, 17409.5.7, and 17409.5.8, as long as the operator ensures that the alternative will be as accurate as the measurement requirements.

How to use this table: Fill out following table with alternatives proposed. The facility could propose an alternative for only one section, to all sections, or none of the sections listed below. If an alternative is proposed for 17409.5.8 (the section with \*) and is considered an “alternative quality standard,” then it needs to meet the requirements outlined in Table 2 below.

| **Section affected?** | **Alternative measurement/change proposed** | **Information given to support finding** | **Finding of alternative’s suitability** |
| --- | --- | --- | --- |
| **17409.5.2**  **MO**: Org waste recovered | *What measurements are proposed? Be as specific as possible. Examples include changing measurement frequency, sample size, measurement protocols, laboratory methods, etc.* | *Reference specific information given in proposal.* | *Is this an “as accurate” alternative to measurement requirements? Is there any other information/data necessary needed before making this determination?* |
| **17409.5.3**  **MO**: Org waste in material for disposal | *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| **17409.5.4**  **SSO**: Org waste recovered | *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| **17409.5.5**  **SSO:** Org waste in material for disposal | *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| **17409.5.7**  Gray container waste evaluation | *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| **17409.5.8\***  IM Limit in Recovered Organic Waste | *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |

## Transfer/Processor Rubric: Substitute a Quality Standard in place of the Measurement Requirements for Organic Waste Material Designated for Recovery

**Pertinent regulatory text:**

* **17409.5.9(c)(1)** The EA may waive the requirements in Sections 17409.5.2,17409.5.4 and 17409.5.8 to sample a type of organic waste that the operator recovered from the source separated organic waste collection stream or from the mixed waste organic collection stream if the following apply:
* **17409.5.9(d)** An operator that is authorized to substitute a quality standard for sampling requirements as specified in Subdivision (c) for a specific type of recovered organic waste type shall apply the weight of incompatible materials as measured in the quality standard to total weight of that organic waste type for the purposes of determining organic waste recovery efficiency as specified in Section 17409.5.1.

***\*This table applies if the operator proposes an alternative quality standard as described in Section 17409.5.8 in Table 1 above.***

|  |  |  |
| --- | --- | --- |
|  | **Yes/No/Unknown** | **Information provided** |
| (A) The person, entity, or solid waste facility or operation accepting that organic waste type requires the operator to demonstrate that the presence of incompatible materials in the organic waste type is less than or equal to the level of incompatible materials specified in Section 17409.5.8(a) | *Answer yes/no or unknown to whether the proposed quality standard meets the criteria outlined in Column 1.* | *Any information provided that lead you to reach Yes/No/Unknown conclusion. What additional information is needed, if answer is No or Unknown?* |
| (B) The person, entity, or solid waste facility or operation accepting that organic waste type requires the operator to demonstrate the presence of incompatible  materials through sampling. | *Add info or leave N/A* | *Add info or leave N/A* |
| (C) The sampling protocol that is used to meet the quality standard of the person, entity, or solid waste facility or operation accepting that organic waste type is  designed to accurately reveal the percentage of incompatible material by weight that is present in the samples. | *Add info or leave N/A* | *Add info or leave N/A* |
| (D) The end-user and the operator have a contract or written agreement specifying the sampling protocol and the maximum level of incompatible materials allowed in  the organic material before it is accepted by the end-use | *Add info or leave N/A* | *Add info or leave N/A* |
| (E) The contract or written agreement is available for review by the EA | *Add info or leave N/A* | *Add info or leave N/A* |
| (F) The sampling protocol is at least as effective as the sampling required in Sections 17409.5.2, 17409.5.4 and 17409.5.8 | *Add info or leave N/A* | *Add info or leave N/A* |
| (G) The operator allows the EA to observe sampling upon request | *Add info or leave N/A* | *Add info or leave N/A* |

## Composting Facility/Activity Rubric: Alternative for measuring organic waste in material sent to disposal

**Pertinent regulatory text: 17867(a)(16)(E)** An alternative measurement protocol for determining the amount of organic waste sent to landfill disposal may be approved by the EA, with concurrence by the Department. For the purposes of this section, alternative measurement protocols may include, but are not limited to, measurements made with a different sampling frequency and/or weight than those specified in this article. The Department shall concur with EA approval if it finds that the alternative measurement protocol will ensure that the measurements will be as accurate as those in Subsection (a)(16)(A) and (B), above.

|  |  |  |
| --- | --- | --- |
| Alternative proposed | Measurements as accurate as 17867(a)(16)(A)-(B)? (Yes/No/Unknown) | Information given to support finding |
| *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |

## In-Vessel Digestion Rubric: Alternative for measuring organic waste in material sent to disposal

**Pertinent regulatory text: 17896.44.1(d)** An alternative measurement protocol for determining the amount of organic waste contained in the residual may be approved by the EA, with concurrence by the Department. For the purposes of this section, alternative measurement protocols may include, but are not limited to, measurements made with a different sampling frequency and/or weight than those specified in this article. The Department shall concur with EA approval if it finds that the alternative measurement protocol will ensure that the measurements will be as accurate as those described in Subsection (a)(1) and (2), above.

|  |  |  |
| --- | --- | --- |
| Alternative proposed | Measurements as accurate as 17896.44.1(a)(1)-(2)? | Information given to support finding |
| *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |
| *Add info or leave N/A* | *Add info or leave N/A* | *Add info or leave N/A* |

## Terminology:

Consider using terminology consistent with the regulations. This table outlines terms found within the study and the assumption of what it is being referred to.

|  |  |
| --- | --- |
| Term/Phrase Used | Appropriate SB 1383 Terminology to Use |
| *Add info or leave N/A* | *Add info or leave N/A* |
| *Add info or leave N/A* | *Add info or leave N/A* |
| *Add info or leave N/A* | *Add info or leave N/A* |

## Additional Notes

## Additional Comments/Questions (reference section):

## Remaining Questions (reference section):

## Components falling outside scope of alternative measurement protocols (reference section):

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