

ANNEX R – PASSPORT TEMPLATE

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Annex 1 ODA declarations

SECTION A. Project Title

[See Toolkit 1.6]

Title: Avoidance of Methane Emissions at Organic Compost Soil Amendment Facility from GEC Organics

Date: 09 September 2016

Version No.: 8.0

SECTION B. Project description

[See Toolkit 1.6]

The proposed project activity involves aerobic decomposition of chicken manure from chicken farms and green waste (wood shavings) from local lumber operators. These wastes are purchased and received at the composting facility as raw material to produce high potency organic compost, OSA1000TM that is pathogen free and odorless in Castleberry Alabama in the south-eastern region of the United States.

The project activity has been undertaken by M/s GEC Organics ("GECO"), a fully reporting publicly traded company that is committed to the development, production and marketing of advanced technologies that address specific worldwide environmental challenges.

The composting facility has a waste processing capacity of 5000 TPM (chicken litter 4500 TPM + wood shavings 500 TPM) and will process the organic content of waste through windrow composting to produce the final product, organic compost. The entire process of the project will be as follows:

1. Delivery of Waste
2. Weighing of loaded truck containing waste in weigh bridge scale
3. Formation of Windrows and aerobic decomposition
4. Curing and refinement of treated waste
5. Screening
6. Packing and storage of compost

In the current situation, PP is operating 5 windrows in 70 acreage of leased land. In the project, the combination of the above waste streams are heated to 160 degrees, turned and blended with dominate all natural microbe formula over a 30 to 45 day cycle. The result is organic USDA certified compost which is pathogen free, odorless, and safe for the environment and will also rebuild the soil while retaining moisture.

M/s GEC Organics will be the responsible implementing and coordinating agency for this project.

The compost thus produced will be applied to soil as a soil enricher for agricultural activities. In the absence of the project activity the generated waste chicken litter would have continued to be

disposed at existing agricultural lands in unscientific manner. The wood shavings would have disposed at places such as nursery, landscaping and resulted in generation of methane due to anaerobic decay.

Implementation of the project activity will thus avoid the emission of methane by facilitating aerobic decomposition of the wastes and result in emission reductions. The project activity is estimated to achieve emission reductions (GS-VERs) of 2,013,952 tonnes of CO₂e over the entire crediting period of ten years.

The project activity will bring a number of benefits to sustainable development, explained as follows:

1. Environmental benefits:

- ✚ The project will significantly improve local air quality; and
- ✚ The project will create global benefits through reduced impact upon climate change.
- ✚ Reduction in the impact of the waste disposal in surroundings
- ✚ The water quality of nearby streams, lakes, rivers and ground water will improve significantly
- ✚ The soil quality and natural fertilization potential will be improved
- ✚ The project will lead to paradigm shift from fossil fuel based synthetic fertilizers to more sustainable and environment friendly organic agricultural production practices.

2. Social and Economic Benefits:

- ✚ The project generates employment and business opportunities for local people
- ✚ Improved air quality, through the reduction of odours, will have an impact upon the quality of life for the neighboring communities.
- ✚ It leads to improved sanitation and waste segregation at source through better waste management
- ✚ The Project also enables exploration of the immense market potential of compost plants and its related benefits to society at large.

3. Technological Benefits:

- ✚ The project sets an example for composting in Alabama Region. The project including waste processing method show cases and contributes to the transfer of knowledge of these technologies.



Stage 1: Weighing of loaded truck containing waste in weigh bridge scale



Stage 2: Spreading of waste in cement pad for deodorization



Stage 3: Windrow Formation



Stage 4: Aerobic Decomposition



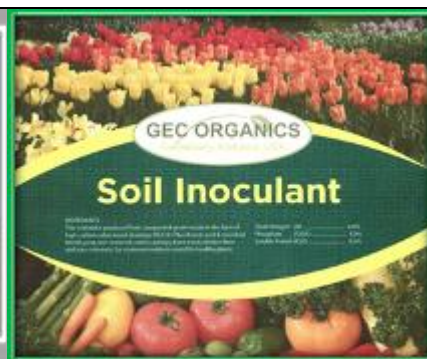
Stage 5: Segregation



Stage 6: Storing



7: Transportation of compost for bulk customers



8: Nutrious Microbial Soil

Estimated project start date:

The start date of project activity is 21st Sep 2011. This is the date when GEC Organics purchased the Composting Machinery. This was the first and earliest major expenditure from PP related to project composting machinery. This is in line with project start date definition mention in Glossary. PJRCES was also able to confirm the starting date of the crediting period to be 04 January 2015 which is the anticipated date of registration of the project as the Gold Standard project.

SECTION C. Proof of project eligibility

C.1. Scale of the Project

[See Toolkit 1.2.a]

Project Type	Large	Small
	☐	☐
	☐	☐
	☐	☐
	√	☐
	☐	☐

	☐
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C.2. Host Country

[See Toolkit 1.2.b]

United States of America

C.3. Project Type

[See Toolkit 1.2.c and Annex C]

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	☐	✓
Does your project activity classify as an End-use Energy Efficiency Improvement project?	☐	✓
Does your project activity classify as waste handling and disposal project?	✓	☐

[See Toolkit 1.2.c and Annex C]

Eligible Project Types:

The project activity falls under the category of a Greenfield Organic Compost site. The project will produce usable product from the composting process. The Project activity utilizes two different types of fresh waste i.e. chicken manure and wood shavings from nearby chicken farms and lumber operators. However, the wood shavings are not considered for ERs as part of the project activity.

Prior to the implementation of project activity, chicken litter is disposed of in agricultural land after being treated by dry lot and solid storage for approximately one year.

The following table breaks down the baseline disposal methods for chicken manure in the state of Alabama:

Management Systems	Broilers
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The estimated Gold Standard-Verified Emission Reductions (GS-VERs) is 201,395 tCO₂ on an annual average crossing the small scale limit more than 60,000 tCO₂ per annum for projects in Sectoral Scope 13 - Waste Handling and Disposal and 15 - Agriculture. The project qualifies under this aspect for GS eligibility. Further as per the Annex C, the project falls under the category of “waste handling and disposal” and “agriculture) as the project is a composting project.

2. Host country or state:

The project is located in United States of America. In principle, any country can host a Gold Standard – Verified Emission Reductions (GS-VERs) project.

3. Type of project activity:

The project has been designed in a way to make use of waste material (chicken manure + green waste) to produce useful organic product as a natural fertilizer with sustainable development benefits.

The project does not make use of waste materials that were already in use in the pre-project situation. In the pre-project scenario, chicken manure is managed via dry lot, then solid storage and is finally spread on agricultural fields. Hence, the project activity falls into the waste handling & disposal and agriculture categories, and the project qualifies for GS eligibility with respect to this aspect.

4. Greenhouse gases:

The sources & gases included in the project boundary are Methane (CH₄), Carbon Dioxide (CO₂), Nitrous Oxide (N₂O) emissions from the decomposition of waste at the project site & in baseline scenario and from emissions from onsite fossil consumption and offsite transportation. Since these greenhouse gases are eligible under the UNFCCC and is accepted under Gold Standard, the project meets this eligibility criteria for this aspect.

5. Official Development Assistance (ODA):

Since the project does not receive ODA (refer to the ODA Declaration in Annex 1 of this Passport), the project is eligible for GS as it qualifies for this aspect.

6. Project timeframe:

The date of first submission to GS is 08 April 2013 as confirmed by visiting the GS registry website¹. The local stakeholder consultation report was uploaded to the Gold Standard registry on 8th April 2013. This is the first submission to the Gold Standard. During the site visit, it was confirmed that at the time of the local stakeholder report submission, the project was not yet fully implemented. Hence, the project was not operational at the time of first submission to the Gold standard. Hence, the project activity does not fall under retroactive registration category. Hence, the pre-feasibility assessment is not required and acceptable. Moreover, the start date for the project as confirmed in section 5.2 below is 21 September 2011. The start date of the crediting period is 04 January 2015. Thus, this criterion is applicable.

¹ <https://gs2.apx.com/mymodule/reg/ProjectInfo.asp?action=view&id1=1021>

7. Other Certification Schemes:

The project does not claim Green or White Certificates, or equivalents; therefore, the project qualifies for GS eligibility for this aspect. In conclusion, the project activity meets all of the aspects for GS project eligibility as per the GS Toolkit version 2.2.

Pre Announcement	Yes	No
Was your project previously announced?	√	☐
PP was aware of GHG reduction potential in the project and appraised to local stakeholders about the concept and plan in Aug 2011. During August 2011, PP went to the project site and met local people, farmers and appraised about the project concept, plan for project development and GHG emission reduction project concept and also carbon revenue potential in the project. So the project was officially announced to local stakeholders considering the carbon credit benefits. PP also met regulatory officials such as Mayor in August 2011 at Alabama and explained project initiatives and carbon benefits. The Mayor of Alabama was impressed with GEC efforts towards project implementation and wrote a welcome letter. The Mayor was also appraised about the efforts of GEC Organics towards Environment protection and Social development by investing in Alabama. Further the agreement for exploring the arrangement of funds and exploring carbon credit opportunity was already signed in Nov 2010. Hence, it is very clear that the Carbon revenues were extremely critical for the implementation of the project activity. Project participants considered carbon revenues at the time when the initial project planning was done. The project was hence previously announced to go ahead with carbon credits. A more detailed description related to the Chronology has been provided under Section B.5 of the PDD.		

C.4. Greenhouse gas

[See Toolkit 1.2.d]

Greenhouse Gas	
Carbon dioxide	√

Methane	√
Nitrous oxide	√

C.5. Project Registration Type

[See Toolkit 1.2.f]

Project Registration Type	
Not Retroactive	√

Pre-feasibility assessment	Retroactive projects (T.2.5.1)	Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
	☐	☐	☐

If Retroactive, please indicate Start Date of project activity dd/mm/yyyy: N/A

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

[See Toolkit 1.6]

	Windrow 1	Windrow 2	Windrow 3	Windrow 4	Windrow 5
Latitude	31° 19'23 75" N	31° 19'17 22" N	31° 19'19 23" N	31° 19'23 52" N	31° 19'25 31" N
Longitude	87° 01' 22.04" W	87° 02' 02.42" W	87° 02' 00.53" W	87° 02' 13.07" W	87° 01' 10.44" W



Explain given coordinates

The above mentioned coordinates are the locations of 5 windrows currently used in the project activity to prepare compost in 70 acreage project area.

D.2. Map

[See Toolkit 1.6]





SECTION E. Outcome stakeholder consultation process

The details of previous consultation activities are as follows:

Consultations with local stakeholders about GHG reduction potential and project plan in Aug 2011:

In Aug 2011, PP met the local stakeholders, prospective farmers, nearby neighbors etc. PP appraised about the GEC Business mission and prospective venture in the composting project in Conecuh County. PP also briefed during discussions that apart from composting process, project also has potential in environment protection such as reduction in soil pollution, dependence of synthetic fertilizers and reduction of GHG emissions while manufacturing of compost. PP appraised that this project is not the first of its kind, but is also not common practice for the region, which therefore involves significant risk. The GHG reduction potential provides opportunity for company to monetize the achieved GHG reductions and mitigate the investment risk. The project also requires significant testing and experimenting to confirm the quality, robustness in results and financial viability of the product in large scale as compared to synthetic fertilizers.

Few Questions asked by people during informal discussions

1. What will be the expected price of your product
2. Is the project area will be solid waste disposal site
3. Does the Project will create bad odour and nuisance in local surrounding
4. How much time company will take for commercial operations

5. Are there any side effects on crops using your product
6. How will provide GHG reduction monetization benefits, Private Company or US Govt.

The responses to the above question were provided to the stakeholders to their satisfaction.

Local Stakeholder Consultation and Site Visit by government officials for composting product testing conducted in March 2012:

PP invited local stakeholders, NGOs to visit the site. The local people was appraised that the project is not a solid waste disposal site. PP distributed the compost product free cost to test at their agricultural land. The compost product was appreciated by local farmers and PP received positive feedback from local stakeholders. Moreover PP also invited four local leaders, Castleberry Mayor J.B. Jackson, County Commissioner Leonard Millender, State Representative Harry Shiver and the Executive Director of the Costal Gateway Regional Economic Development Alliance, James Searcy, to inspect and visit facility. The local government officials appraised the PP's effort to implement the project in Castleberry and largest of its kind in Alabama. The Mayor appraised the project stating "This is a great opportunity for our community and the region as a whole. New jobs are being created for our citizens and the economy of the surrounding area has already experienced a positive impact."

- Barbara Wolfe, retail customer and gardening expert. "I used the Compost from GEC on tomato plants by mixing it in with the soil. My plants were green and healthier and bloomed earlier while producing more tomatoes than all other years."
- Debra Burch, consumer and avid gardener. "I tilled the GEC Compost into the ground and planted squash and okra. The okra grew taller, had an increased yield and had a growing longer than the previous year. The squash plants were also bigger and healthier while producing more squash than last year."
- Josh Coleman, farmer. "I tilled the OSA1000 into the ground and planted winter greens. They are growing faster and doing better than I have ever seen"
- Johnny Andrews, farmer. I used the Compost on winter greens by first tilling it in the soil. My winter plants are doing better than all past years. I can't wait to see how the OSA1000 will perform in the summer."
- Josh Reeves, consumer. "I spread the Compost by hand on my lawn when I planted grass seed. In a short time the new grass was thicker than what was already growing for years in my backyard."
- Lavon Boutwell, owner of The Farm Center in Brewton Alabama, a representative for John Deere and formerly a fertilizer distributor throughout Alabama and Florida for 30 years. "I have experimented with the GEC OSA1000 and the results were very impressive. As an example, I grew pineapple plants side by side using synthetic fertilizer and OSA1000. The OSA plants had greener leaves, grew faster and much bigger. A pineapple in Southern Alabama.

- Jeremy Padgett, farmer and builder. “For the last home I built, I laid sod for the lawn and it turned completely brown. I contacted GEC and purchased their Compost Tea, OSA-CT1000. I drenched the sod and in 3 days it was green and began to knit together. The results were hard to believe.”

Local Stakeholder Consultation and Site Visit by government officials for composting product testing conducted in May 2014:

PP also again conducted a detailed official Local Stakeholder Consultation on 8th May 2014 in line with the requirements of Gold Standard.

The following is the summary of the Agenda for the Stakeholders’ Meeting on 8 th May 2014: Location: GEC Organics facility		
Time	Agenda	Focal Person
10 AM	Welcome	Mr. Peter Ubaldi
10:30 AM	Presentation of project	Mr. Peter Ubaldi
11:00 AM	Discussion on the following Points: 1. <u>Project Description</u> 2. <u>Design of Stakeholder Consultation Process</u> 3. <u>Consultation Process</u> 4. <u>Sustainable Development Assessment</u> 5. <u>Sustainability Monitoring Plan</u>	Mr. Peter Ubaldi
12:30 PM	Site Visit	Mr. Peter Ubaldi
01:00 PM	Impact on Sustainable Development and Blind SD exercise	Mr. Peter Ubaldi

- A. Project Description. A summary of the Project and its mission was prepared and given to each attendee. In this summary document, was the description of the Gold Standard and the manner in which it would relate to the project activity.
- B. Design of Stakeholder Consultation Process. The Agenda was prepared and explained at the beginning of the meeting by Peter Ubaldi, President & CEO of the GEC Organics. A general non-technical summary was discussed at the start of the meeting. The text of the individual invitations and the public announcement were made available for any Stakeholders in attendance for review.
- C. Consultation Process. A list of the participants was recorded and each attendee was given a sign-in form with a section for their comments. All comments were addressed and all questions

from Stakeholders were answered to the satisfaction of each participant. The sustainable development assessment were discussed and all Stakeholder feedback was positive.

- D. **Sustainable Development Assessment.** A general Stakeholder discussion was held and each element of the Sustainable Development Matrix was discussed and evaluated, all with consistent, positive results.
- E. **Sustainability Monitoring Plan.** Mr. Peter Ubaldi discussed the sustainability monitoring plan directly with the Stakeholders and provided an explanation of the continuous input and grievance mechanism which will allow any Stakeholder the opportunity submit all comments, now and in the future.

E.1. Assessment of stakeholder comments

[See Annex J]

[See Local Stakeholder Consultation Report B.5 and insert table from “C.3.iii Assessment of all comments”. Insert a summary of alterations based on comments]

Following were the comments from the Stakeholders participated during the meeting.

Stakeholder Name	Stakeholder Comments
James Jackson	Good Report
Jeff Kirsch	Good Meeting and Excellent Presentation
Mitzi Rabon	Good Report
John A. Johnson	Good Report
Jerry Spencer	Good Meeting
J. B. Jackson	Great for Town of Castleberry
James Jenco	Informative Presentation. Will consider proposing relationship with a few clients
Justin Hanks	Very helpful for understanding
Jack Takacs	Great possibilities for raising capital
Jeremy Padgett	Good meeting with good Presentation and Great Information provided
George McIntyre	Good Presentation and Information provided
Austin Rabon	Good Presentation

William Merritt	Possible opportunity for my investor
Valerie Sawyer	Great meeting-Introduction-Presentation
LeAnna Cain	I got a lot of good information from this meeting and from presentation provided
Celeste Cooper	Great Meeting-Information provided
Ricky Joyner	Good Information provided
Denise Moon	Good Presentation + Meeting
Susan Merritt	Great Interview /Presentation/Meeting
Charles Norman	Great Presentation

All positive and appreciating comments were received. No adverse or negative comment was received from stakeholders during LSC event on May 8 – 2014.

E.2. Stakeholder Feedback Round

Please describe report how the feedback round was organized, what the outcomes were and how you followed up on the feedback.

[See Toolkit 2.11]

The PDD, Passport and LSC report were uploaded in the first week of July 2014 at Gold Standard Registry for the period of 2 months. Further based on the contact details received during the stakeholder meeting, each of the stakeholders were further invited to the project site to provide their feedback comments. Also the stakeholders were informed about uploading of the documents on GS Registry with weblink (https://mer.markit.com/br-reg/public/project.jsp?project_id=103000000006015) and requested to review the same and provide comments either physically or through phone or e-mail. No comments were received to PP.

Moreover reminder emails were also sent to provide feedback (negative and/or positive) on 3rd Sept 2014 and 5th Nov 2014. No comment is received as on date.

E. 3. Discussion on continuous input / grievance mechanism

[See Annex W]

Discuss the Continuous input / grievance mechanism expression method and details, as discussed with

local stakeholders.

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	Any complaints are directed to the project owners via phone, in writing or in person. A book will be kept at the site office to record all grievances, inputs and any responses, mitigation actions or Follow-up. Furthermore a "comments" box will be kept at the local sub district administration office, and will be checked regularly.	Any complaints are directed to the project companies and a regular monthly meeting between project companies and the local people directly or indirectly associated with project. These meetings will provide a platform for dealing with any grievances directed towards the project itself. If the issue is more serious than a more immediate meeting may be called. This suggestion was made by the stakeholders during the stakeholder feedback round, and is to be implemented by the project owners as an extra route by which stakeholders can give continuous inputs or grievance expression.
Telephone access	+1-973-610-6048	Details available on website and other sources.
Internet/email access	http://gecorganics.us/peterubaldi@comcast.net	Details available on website and other sources.
Nominated Independent Mediator (optional)	No mediator nominated	To date no mediator has been required, however depending on the issue at hand, an independent mediator could be brought in.

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan in section G.

SECTION F. Outcome Sustainability assessment

F.1. 'Do no harm' Assessment

[See Toolkit 2.4.1 and Annex H]

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
Human Rights			
1. The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Rights abuses	The dignity, cultural properties and the economic, social and culture freedom of the participants and local people is not affected. As the programmers is limited to households no industry is involved that could have negative human rights influences. The project respects internationally proclaimed human rights including dignity, cultural property. United States is a party to Universal Declaration of Human Rights.² http://www.hrw.org/news/2009/07/24/united-states-ratification-international-human-rights-treaties	Low/none	Monthly Compliance Checklist
2. The project does not involve and is not complicit in involuntary resettlement	The project does not involve any resettlement	Low/none	Monthly Compliance Checklist
3. The project does not involve and is not complicit in the alteration, damage or Removal of any	The construction and operation of the project will not involve any damage of critical cultural heritage.	Low/none	Monthly Compliance Checklist

² <http://www.hrw.org/news/2009/07/24/united-states-ratification-international-human-rights-treaties>

critical cultural heritage			
Labour Standards			
4. The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights.	The project will strictly comply with Labour Law of the United States, under the supervision of the local administrative department, the local office will strictly respects the employees' freedom of association and their right to collective bargaining and thus the Project is not complicit in restrictions of these freedoms and rights.	Low/none	Monthly Compliance Checklist
5. The project does not involve and is not complicit in any form of forced or Compulsory labour.	The project does not involve in any form forced labour. United states is a party to C 105 Abolition of Forced Labour Convention. ³ http://en.wikipedia.org/wiki/Abolition_of_Forced_Labour_Convention	Low/none	Monthly Compliance Checklist
6. The project does not employ and is not complicit in any form of Child labour.	The project does not involve in any form child labour. The United States is the party to Convention 182 (worst form of child labour). ⁴ https://www.ilo.org/dyn/normlex/en/f?p=1000:11200:3138929239051286::::P11200_INSTRUMENT_SORT:4	Low/none	Monthly Compliance Checklist
7. The project does not involve and is not complicit in any form of discrimination Based on gender, race, religion, sexual orientation or any other basis.	The project will strictly comply with Labour Law of the United States, under the supervision of the local administrative department. The Project will protect the rights of staffs, make sure it does not involve and is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	Medium	PP will ensure that there is no gender, sexual and labour discrimination by appropriate checking systems in compliance with local laws and help of local law and order force.
8. The project provides workers	The project work profile will not lead risk to any worker for health and safety issues. However Project will	Medium	Monthly Compliance

³ http://en.wikipedia.org/wiki/Abolition_of_Forced_Labour_Convention

⁴

https://www.ilo.org/dyn/normlex/en/f?p=1000:11200:3138929239051286::::P11200_INSTRUMENT_SORT:4

with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments.	strictly comply with Law of the United States on Work Safety, the Project unit shall abide by this Law and other laws and regulations concerning work safety and health. PP has defined a safety rules for all employees. Appropriate measures such as providing safety training to project staff for work safety and health and improving the conditions for it to ensure work safety and health. Thus the Project is not complicit in exposing workers to unsafe or unhealthy work environments. http://www.dol.gov/dol/topic/safety-health/index.htm		Checklist
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	No significant impact of noise, wastewater, air and dust pollution will be caused by the project. The project uses biodegradable waste and there is no pollution of groundwater due to leachate. The project will comply with the requirements of local Environment protection Agency. i.e. ADEM.	Low	Monthly Compliance Checklist
10. The project does not involve and is not complicit in significant conversion Or degradation of critical natural habitats, including those that are Legally protected, (b) officially proposed for protection, (c) identified by Authoritative sources for their high conservation value, or (d) recognized As protected by traditional local	The project is using biodegradable waste to produce compost and does not involve not interfere and/or harm any of the protected areas.	Low/none	Monthly Compliance Checklist

communities.			
11. The project does not involve and is not complicit in corruption	The project is private equity investment does not involve any kind of corruption. United States is a party to United Nation Convention against Corruption ⁵ since 2006 and the OECD Convention on Combating Bribery of Foreign Public Officials in International Business ⁶ . http://www.unodc.org/unodc/en/treaties/CAC/signatories.html http://en.wikipedia.org/wiki/OECD_Anti-Bribery_Convention	Low/none	NA
Additional relevant critical issues for my project type	Description of relevance to my project	Assessment of relevance to my project (low/medium/high)	Mitigation measure
	N/A	N/A	N/A

F.2. Sustainable Development matrix

[See Toolkit 2.4.2 and Annex I]

Insert table as in section D3 from your Stakeholder Consultation report (Sustainable Development matrix).

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" –table, or include mitigation measure used to neutralise a score of ‘-’	Check www.undp.or/mdg and www.mdgmonitor.org Describe how your indicator is related to local MDG goals	Defined by project developer	Negative impact: score ‘-’ in case negative impact is not fully mitigated score 0 in case impact is

⁵ <http://www.unodc.org/unodc/en/treaties/CAC/signatories.html>

⁶ http://en.wikipedia.org/wiki/OECD_Anti-Bribery_Convention

				planned to be fully mitigated No change in impact: score 0 Positive impact: score '+'
Air quality	None	Ensure Environmental Sustainability (Goal 7)	In addition to the greenhouse gases reduction, the project will significantly improve air quality as compared to the baseline scenario. In baseline scenario the bad odour was generated due to anaerobic disposal of chicken litter and finally spreading in agricultural fields. The project activity itself will produce a low level of local emissions including particulates from the heavy vehicles and machinery for e.g. transportation truck, windrow turner and small gasoline fired engine. However the parameter has been considered as neutral parameter on conservative basis.	0
Water quality and quantity	None	Ensure Environmental Sustainability (Goal 7)	There is no significant impact identified on water quality and quantity from the project activity during the project implementation period. Therefore, the indicator is scored neutral for conservativeness.	0
Soil condition	None	Ensure Environmental	No significant impact is identified on Terrestrial	0

		Sustainability (Goal 7)	Ecology and land use during the project Implementation period. Therefore, the indicator is scored neutral for conservativeness.	
Other pollutants	None	Ensure Environmental Sustainability (Goal 7)	Low impact may occur from noise during the operation phase. At the working area where there is some level of noise source, such as at the noise generated from heavy vehicles and machinery for e.g. transportation truck, windrow turner and small gasoline fired engine. Health and safety equipment and rules is strictly required to be used by operators. However, berms have been established which will help reduce the noise levels for those adjacent the project activity. Therefore, the indicator is scored neutral for conservativeness.	0
Biodiversity	None	Ensure Environmental Sustainability (Goal 7)	The project would not involve any deterioration to terrestrial ecology and aquatic ecology. Thus no significant impact is identified on biodiversity. Therefore, the indicator is scored neutral for conservativeness.	0
			Subtotal	+
Quality of employment	Monthly Compliance Inspection	Eradicate Extreme Poverty and Hunger	All employees working in the project site will be employed according to national employment regulations. A health and safety officer is	0

			employed onsite, all safety equipment is available and used by personnel. Ongoing training will be provided to staff and skills developed in-house for operation and maintenance for composting. The chosen parameter will be: a) Relevant health and safety precautions taken, and: b) Training given to staff to develop skills. At present 7 employees are working on site. Appropriate training related to safety procedures will be provided. Therefore, the indicator is considered positive	
Livelihood of the poor	None	Eradicate Extreme Poverty and Hunger	Overall the project will have little impact on eradicating extreme poverty and hunger. The project does give advantage to the local people by providing business opportunities. Therefore, the indicator is scored neutral for conservativeness.	0
Access to affordable and clean energy services	None	Ensure Environmental Sustainability (Goal 7)	The Project is a composting Project hence this indicator is not applicable for project. Therefore, the indicator is scored neutral for conservativeness.	0
Human and institutional	None	MDG-1: Eradicate extreme poverty &	Explanation: Local employment opportunities	0

capacity		hunger	created by the project will have an impact of income distribution on different Socio-economic groups. Although the project will contribute to income of local people, it is not possible to monitor it, thus a neutral score will be given according to conservativeness principle. Baseline for parameter: Current income situation in the region Impact of other PPs on socio economic income distributions Future target for parameters. Continuation of the existing situation.	
Quantitative employment and income generation	None	Eradicate extreme poverty and hunger	Chosen parameter : Number of jobs created and the staff salaries paid by the project. Explanation : The Project activity leads to some employment generation during the construction of the project. In addition, employment and business opportunities are increased.	+
Balance of payments and investment	None	Develop a Global Partnership for Development	The major equipment of the Project was purchased from domestic manufacturer, thus there's no additional requirement for foreign currency payment. As per the PDD, the project has financial barriers. It has no significant effect on further investments into similar project activities. Therefore it scores "0".	0

Technology transfer and technological self-reliance	None	In cooperation with the private sector, make available the benefits of new technologies, especially information and communications.	Explanation: The project, employed technology locally available. Baseline: not applicable Future target for parameters: Not Applicable	0
			Subtotal	Positive

Justification choices, data source and provision of references

Air quality	The Project activity will have positive impacts by the reduction of bad odour and fugitive emissions of methane and other gases as compared to baseline. In the composting process some minor bad odour will be generated and it will produce foul smell due to presence of organic and inorganic compounds in the chicken litter. These organic and inorganic compounds are the agents which affects air quality, soil quality, and biodiversity life. The results of qualitative analysis of compost, PP can determine the effects of compost preparation or process of compost synthesis on air, water and soil and biodiversity. PP will send compost sample of every batch (which is in correlation to raw material feed batch) to certified laboratory and can understand the effects. Reference: For measurement of Bad odour and organic, inorganic compounds the most appropriate reference is American Public Health Association (APHA)⁷.
Water quality and quantity	According to the ADEM, the Project has a positively ecological and social effect on the local environment and society. During the project's implementation, there should not be any waste water or pollutants that affect the local water quality and quantity from the project activity. Therefore, the impact is neutral. The indicator is scored 0.
Soil condition	No impact is expected from the project activity with regard to the land use or terrestrial ecology. Hence, the impact is neutral. The indicator is scored 0.

⁷ <http://www.standardmethods.org/>

Other pollutants	As per project profile no other pollutants are expected from the project activity and no significantly positive impacts of the project are identified with regard to other pollutants reduction. Hence, the impact is neutral. There is no noise pollution due to project as per local laws of ADEM.
Biodiversity	The project utilizes methane to generate electricity on the landfill site, and does not involve any deterioration to terrestrial ecology or aquatic ecology surrounding it, according to the Initial Environmental Examination report. Thus, there is no expected negative or significantly positive impact from the project activity on biodiversity.
Quality of employment	No negative impacts of the project are identified, in fact the quality of employment and business opportunities are improved. All employees working for the project activity will be employed according to national employment regulations.
Livelihood of the poor	The project does not directly impact the poor, although some low income people are hired as contractors for manual workers in the composting process.
Access to affordable and clean energy services	The Project is a composting Project hence this indicator is not applicable for project.
Human and institutional capacity	No negative or significantly positive impacts from the project are identified. As the project has no impact on education and skills or gender equality and empowerment, there is no impact on the human and institutional capacity. Labour practices will be conducted in a non-discriminatory manner as per the relevant laws of the United States.
Quantitative employment and income generation	The Project activity leads to some employment generation during the construction of the project. In addition, employment and business opportunities are increased for local people.
Balance of payments and investment	No negative or significantly positive impacts from the project are identified. As per the project activity description and additionality demonstration, the investment was made via group of private equity investors and funds. Moreover, the major equipment was purchased from domestic manufacturer, thus there's no additional requirement for foreign currency payment.
Technology transfer and technological self-reliance	The project, employed technology locally available and conceptualised by GEC Organics.

SECTION G. Sustainability Monitoring Plan

[See Toolkit 2.4.3 and Annex I]

Copy Table for each indicator

No		2
Indicator		Quality of the employment
Mitigation measure		Health and Safety Trainings
Repeat for each parameter		
Chosen parameter		1. Number of employees having Health & Safety Trainings 2. Personal protection equipment's
Current situation of parameter		None
Estimation of baseline situation of parameter		Not Applicable
Future target for parameter		a) Trainings completed b) Provision of workers with required equipment's in line with the Regulations.
Way of monitoring	How	a) Training certificates or records for attendance to the trainings. In the following years, only new trainings will be reported. b) Checking equipment's and procedural documents by DOE on site visit.
	When	a) Once during the first verification
	By who	Assigned technician by Plant Manager or assigned carbon consultant

No		3
Indicator		Quantitative employment and income generation
Mitigation measure		NA
<i>Repeat for each parameter</i>		NA
Chosen parameter		Number of employment
Current situation of parameter		
Estimation of baseline situation of parameter		Not applicable
Future target for parameter		Local recruitments
Way of monitoring	How	Social security records of the employees

	When	Annually (Once at the end of the each monitoring period)
	By who	Assigned technician by Plant Manager or assigned carbon consultant

Additional remarks monitoring

Appropriate monitoring shall be done and shall be report during the monitoring period.

SECTION H. Additionality and conservativeness

This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance

H.1. Additionality

[See Toolkit 2.3]

Please see PDD B.5. of the project.

H.2. Conservativeness

[See Toolkit 2.2]

The version of methodologies applied by the project for the registration is the approved CDM methodologies; Consolidated baseline methodology for GHG emission reductions from manure management systems, (ACM 0010), Version 7, Alternative waste treatment processes (ACM 0022) - Version 1.0 and GHG emission reductions through multi-site manure collection and treatment in a central plant (ACM 0073) Version 1.0.

All parameters used in the ER calculation are from the above referenced methodologies and the latest data issued by project participant, and all uncertainties have been taken into account to maintain the conservativeness.

ANNEX 1 ODA declaration**[See Toolkit Annex D]**

There is no involvement of ODA funds. The project is 100% investment by private equity investors.

ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: [June 23rd 2014]

The Gold Standard Foundation

79 Avenue Louis Casai

Geneva Cointrin, CH-1216

Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of [GS ID 2772]

[Peter D Ubaldi]

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

[Project Representative]

I hereby declare that I am duly and fully authorized by the Project Owner of the above-referenced project to act on behalf of all Project Participants and make the following representations:

I. The Gold Standard Documentation

I am familiar with the provisions of The Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance with the condition that some, or all, of the carbon credits [CERs, ERUs, or VERs] coming out of the project are transferred to the ODA donor country. I hereby expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

II. Duty to Notify Upon Discovery

If I learn or if I am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity

providing ODA to the host country may at some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

III. Investigation

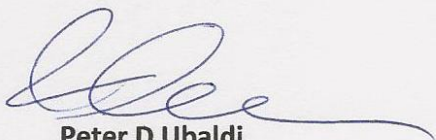
The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed:



Name: Peter D Ubaldi

Title: President & CEO

On behalf of: GEC Organics Corp.

Place: Montclair New Jersey United States of America