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INDUSTRIAL TRAINING ATTACHMENT REPORT
WITH
MINISTRY OF WATER AND ENVIRONMENT
WATER FOR PRODUCTION REGIONAL CENTER-EAST

COMPILED BY;

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COURSE: DIPLOMA IN CROP PRODUCTION AND MANAGEMENT

COURSE CODE: DCP 1208

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20TH May - 26TH July 2019

SIGNATURE:.....

**THIS REPORT IS SUBMITTED TO THE DEPARTMENT OF AGRI-BUSINESS AND
EXTENSION FACULTY OF AGRICULTURE AND ANIMAL SCIENCES IN PARTIAL
FULFILLMENT OF THE AWARD OF DIPLOMA IN CROP PRODUCTION AND
MANAGEMENT OF BUSITEMA UNIVERSITY.**

SEPTEMBER 2019

DECLARATION

I, NAROT REGINA FAITH. Declare that this report is personally prepared and compiled to the best of my knowledge and the content it contains have not been duplicated or published anywhere or presented to any other institution by anyone else for any award of Academic credit and I have personally compiled it basing on the experiences and training I had with Ministry of Water and Environment under Department of WFPRC-E.

Signature.....

Date..... 03/09/2019



APPROVAL.

The internship field work report was carried out in Gawa SSI supported by MWE- WFPRC-E under supervision of the site Agronomist, internship coordinator and assistant manager. This is to therefore confirm that this report is compiled and ready for submission.

Approved by;

MANAGER. WFPRC-E

MR.OKOTEL PATRICK

Signature.....

Date.....



INTERNSHIP COORDINATOR.

MR.NAKENDO KIRLINDA JUMA.

Signature.....

Date.....

(Handwritten signature of Nakendo Kirinda Juma)
03/03/2019

ACADEMIC SUPERVISOR.

MR. BUDDU MARK.

Signature.....

Date.....

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09/09/2019

DEDICATION

The entirety of this industrial training report is humbly dedicated to the entire staff of WFPRC-E under the headship of our beloved Manager MR. PATRICT OKOTEL and MR. MASABA ROGERS who in spite of their schedule and responsibilities found time for our group and continuously offered constructive criticism that was our guide to accomplishing this training successfully as a learning experience.

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I also extend a hand of thanks to all trainers, the entire staff of WFPRC-E under the headship of MR. OKOTEL PATRICK and MR. MASABS ROGERS for the continuous knowledge based on guidance and criticism passed on us. To our general field coordinators MRS. ALLEN NAFUNA and MR. ANDREW EMARU, we appreciate and admire the love you served us with and to my dearly friend, sister as well as field supervisor NAMONO GRACE who was there for me all time whenever I needed help together with other Agronomist who gave me a word of encouragement and support where necessary. God bless you all my dear Brothers and Sisters.

I also extend a hand of thankfulness to my dear model farmers who were able to cooperate with me during farm activity conducting. I surely more than appreciate Busitema University Staffs especially MR BUDDU MARK for having found his time to come and check upon me at the course of the training for constant guidance, encouragement and support

Finally, I would like to express my profound gratitude to all my family members especially my beloved sister and friends for their unconditional willingness to meet all my needs and requirements in their various capacities for the successful completion of this journey.



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LIST OF ABBREVIATIONS

| | |
|---------|---|
| MWE | Ministry of Water and Environment. |
| WFPRC-E | Water for Production Regional Center East. |
| WFP | Water for Production. |
| ADB | African Development Bank |
| DWD | Directorate of Water Development. |
| GOU | Government of Uganda. |
| SSI | Small Scale Irrigation Schemes. |
| LSI | Large scale irrigation schemes. |
| BUAC | Busitema University Arapai Campus. |
| MAAIF | Ministry of Agriculture, Animal Industry and Fisheries. |
| PAPs | Particularly Affected Persons. |
| MOL | Ministry of Lands. |
| AESA | Agro eco-system Analysis. |
| CC | Climate Change. |
| CSA | Climate Smart Agriculture. |
| UNFCCC | United Nations Frame Work Convention on Climate Change. |
| GHG | Green House Gasses. |
| FAO | Food Agricultural Organization. |
| ET | Evapotranspiration. |
| SAS | Senior Assistant Sociologist |

ABSTRACT

A successful industrial training report is necessary for the award of a Diploma in Crop Production and Management which mainly aims at exposing students to a more practical approach of theoretical concepts learnt at the University.

This report depicts the activities carried out during my Ten weeks' internship period from 20th May to 26th July 2019 at Ministry of Water and Environment (MWE) under the department of Water for Production Regional Center-East (WFPRC-E) in Gawa Small Scale Irrigation Scheme Ngora District where I was attached as my site of training with supervision from MWE Office and the Busitema University.

Chapter one of these report clearly explains the background and aims of industrial training at Busitema university and then presents the Vision, Mission and Mandate of MWE with illustrations of the Organizational structure, roles and MWE-WFPRC-E Department.

Chapter two includes of the practical details of the activities carryout out during the 10weeks training at WFPRC-E such as; Familiarization through orientation, Mentoring as a development process, Description of work station, Cooperation through team work, Task description according to efficiency, man hours and days for work accomplishment and Presentation of Achievements or Results. Orientation meeting, Objectives and Relevance of orientation. Nursery bed Establishment and Management, Ecological requirements and Agronomic practices of each crop vegetable grown, Post-Harvest Handling in vegetable production, Causes of loss and Management Practices. Learning on Sprinkler type of Irrigation used for vegetable production in most Small Scale Irrigation Schemes of the WFP, A training of Agronomist on Capacity Enhancement of Modern Farms and Agricultural Management Practices such as; Climate-Smart Agriculture, Water Use and Management under SSI Drainage and Irrigation.

Chapter three clearly describes Skills and Qualifications gained during attachment period, Responsibilities under taken, Influence of attachment to the future carrier plans, Correlation of attachment activities with classroom knowledge and Challenges faced during attachment period.

Chapter four includes of the Conclusions and Recommendations that I believe would increase the already efficient rate of production in SSI of WFPRC-E.

