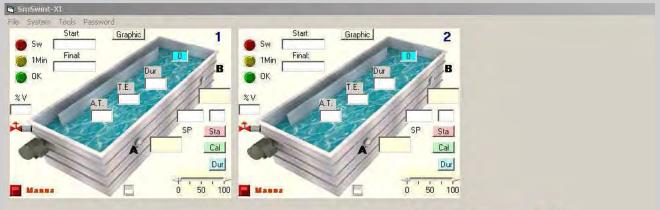


# Proceso de Instalación de Plantas de Tratamiento Hidrotérmico







## •Proceso de Instalación de Plantas de Tratamiento Hidrotérmico

### Datos del Programa Preinspección de Mango en Republica Dominicana:

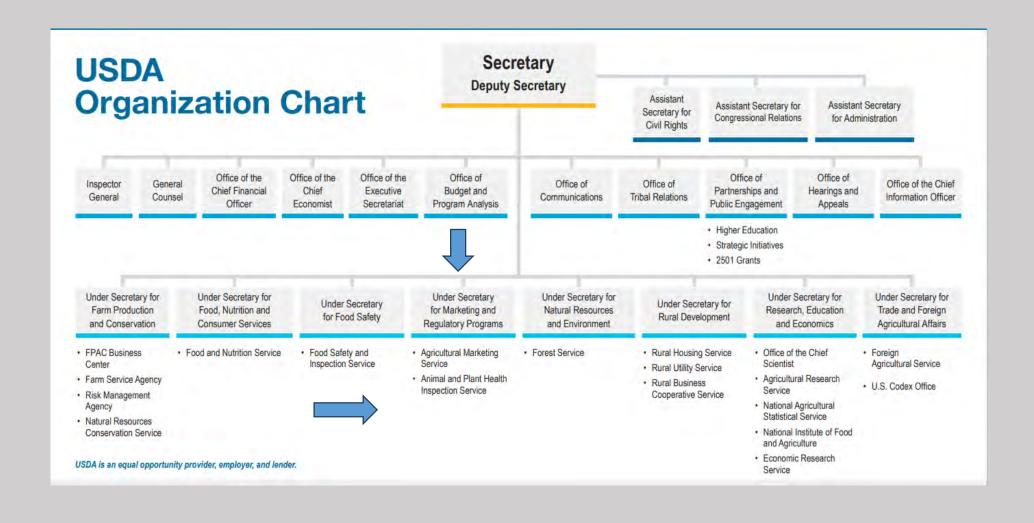
- Programa establecido en 2005.
- Desde el 2005 hasta el 2018 el programa operó con 1 sola planta.
- Para el 2024 un total de 6 plantas operando.
- En el 2023 Republica Dominicana exportó 12750 Toneladas Metricas (12 millones) solo a Estados Unidos



## Proceso de Instalación de Plantas de Tratamiento Hidrotérmico

- Definiciones y Acrónimos
- APHIS- Animal and Plant Health Inspection Services
- IS- International Services
- NPPO- Ministerio de Agricultura (Sanidad Vegetal)
- PIM-Phytosanitary Issues Management
- POP-Preclearance and Offshore Program
- PPQ- Plant Protection and Quarantine
- S&T- Science and Technology









## APHIS

#### Plant Protection and Quarantine

### PPQ .....What we do

PPQ MISSION: Plant Protection and Quarantine (PPQ) regulates the importation of plants and plant products under the authority of the Plant Protection Act. PPQ maintains its import program to safeguard U.S. agriculture and natural resources from the risks associated with the entry, establishment, or spread of animal and plant pests and noxious weeds.



become established in the United States.

United States Department of Agriculture Animal and Plant Health Inspection Service

#### **Plant Protection and Quarantine**



Plant Protection and Quarantine Associate Deputy Administrator

Samantha Simon

Plant Protection and Quarantine Deputy Administrator

Mark Davidson



### Business and Employee Services

Associate Deputy Administrator
Matt Royer

Domestic Programs

Associate Deputy Administrator
Nicole Russo

**Emergency and** 

Field Operations

Associate Deputy Administrator
Carlos Martinez
Executive Director
Calvin Shuler

International
Phytosanitary Management and
Standards Programs

Associate Deputy Administrator
Ibrahim Shaqir

Pest Exclusion and Import Programs

Associate Deputy Administrator

Matt Rhoads

Science and Technology
Associate Deputy Administrator
Wendy Jin

Phytosanitary
Advanced Analytics Team

Professional Pest Eva
Development Center Res

Resource Management Services Biocontrol and Forest, Wood, and Rangeland Pests

Pest Evaluation and Response

Pest Surveillance and Emergency Management

Specialty Crops and Cotton Pests

District 1

District 2

**District 3** 

District 4

District 5

International Phytosanitary Standards

Phytosanitary Issues
Management



Administrative Services

AQI Cost and Fee Analysis

Imports, Regulations, and Manuals

National Identification Services

Permitting and Compliance Coordination



Preclearance and Offshore
Programs

Quarantine Policy, Analysis, and Support Administrative

Services

Domestic and Emergency Scientific Support

Forest Pest
Methods Laboratory

Insect Management and Molecular Diagnostics Laboratory

National Clean Plant Network

Pest Identification
Technology Laboratory

Plant Pathogen Confirmatory Diagnostics Laboratory

Plant Pest Risk Analysis

Treatment and Inspection Methods

Laboratory

**Information and Analytic Services** 

Financial Information and Resource
Management

Effective October 27, 2023



# Proceso de Instalación de Plantas de Tratamiento Hidrotérmico

## Pasos del Proceso de Instalación de Plantas de Tratamiento Hidrotérmico:

- 1. Someter Propuesta
  - a. Diseño de la planta
- 2. Aprobación de Planta
- 3. Opción de Pre Inspección
- 4. Certificación de la Planta



## Propuesta

### 1. Propuesta:

Para utilizar una planta para tratamiento el NPPO, en este caso el Ministerio de Agricultura someterá una carta official requiriendo la aprobación de la planta.



## Propuesta



Santo Domingo, D.N. XXXXXXXXX

0000491

David G. Midgarden Director Area del Caribe, USDA-APHIS República Dominicana

#### Distinguido Sr. Midgarden:

Cortésmente, remitimos a usted las documentaciones de la Memoria Descriptiva y Planos correspondientes para una planta empacadora de mango, así como las áreas auxiliares para la exportación al mercado de los Estados Unidos de Norteamérica. La referida remisión es a favor de la empresa XXXXXXXXXX.

Sin otro particular, se despide,

Ing Porfirio Alvarez Fernández Director del Departamento de Sanidad Vegetal

tentamente,

Anexo: Memoria Descriptiva y Planos

CC. Ing. Paula Morales Representante de USDA-APHIS-IS República Dominicana



## **APHIS**

#### **Plant Protection and Quarantine**

#### Cooperator

Cooperator proposes new facility and submits an application for **USDA** facility approval with all required attachments to their NPPO.

#### **NPPO**

NPPO sends official proposal, sends to IS.

#### IS

IS forwards proposal to PIM.

#### PIM

PIM forwards proposal to Area Directo r/Program Mana ger, Assistant Director and Treatment and Mitigation Coordinator (TMC)

#### **POP**

Area Director/Program Manager confirms country security approval, and sends application to TMC

TMC reviews application for completeness, and sends to S&T.

In-complete

**S&T Reviews** Complete application.

S&T

Questions and comments about application are sent to cooperator via TMC (cc AD)

Cooperator receives OC letter.

NPPO sends decision via OC letter to cooperator.

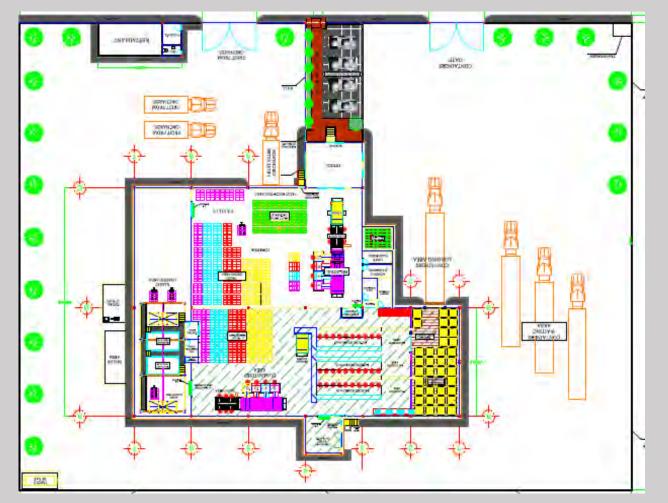
IS sends decision via OC letter to NPPO.

PIM sends decision via OC letter to IS.

TMC sends decision to POP Assistant Director, Area Director/Program Manager. AD/PM composes response for PIM.

S&T approves or disapproved the facility and decision is communicated via TMC.







- 2. Consultores de Diseño de Facilidades (Tratamiento Hidrotérmico)
  - a. C.C. Coutinho Consulting-Bahia Brazil
  - b. **USDA-APHIS-PPQ S&T-**Miami, FL USA
  - \*\*APHIS contacto técnico; aprobación de planos y dibujos
  - c. Consultecnia -Guatemala



- 2. Consultores de Diseño de Facilidades (Tratamiento Hidrotérmico)
  - d. Dica de Mexico-Sinaloa México
  - e. Frutico International- Sinaloa México
  - f. GEC Instruments- Gainesville FL USA
  - \*\*Ingeniero Consultor



- 2. Consultores de Diseño de Facilidades (Tratamiento Hidrotérmico)
  - g. Nojoxten- Jalisco México
  - h. North Bay Produce- Guatemala City, Guatemala
  - i. Societe d'Entretien & d'Installation (SODEIN)-
  - Port-au-Prince, Haití
  - \*\*Instalación de equipo de tomar temperatura



## Aprobación y Proceso de Pre Inspección

 Una vez la construcción está a un 75% el cooperador o la firma pueden requerir una primera inspección. Esta inspección es opcional.
 Una vez finalizada la construcción una inspección final y pruebas del equipo son requeridas.



## Aprobación y Proceso de Pre Inspección





## Certificación



## APHIS

#### **Plant Protection and Quarantine**

Cooperator

**NPPO** 

IS

PIM

**POP** 

S&T

Cooperator requests facility visit certification.

NPPO notifies IS of request.

IS forwards request to PIM.

PIM forwards request to Area Director/Program Manager and **Assistant Director** and TMC.

Area Director/Program Manager coordinates visit with NPPO and with cooperator.

TMC or TMC-designated inspector conducts inspection and completes certification paperwork. If facility is not in compliance a corrective action request (CAR) is issued.

TMC or designated inspector finalizes the certification, compiles inspection paperwork, uploads documents to POP SharePoint, updates the Treatment Facility Catalog, and notifies Area Director/Program Manager, Assistant Director and S&T, sharing 482.

Cooperator receives OC letter.

NPPO notifies the cooperator that the facility is certified.

IS notifies via OC letter that the facility is certified NPPO.

PIM notifies IS via OC letter that the facility is certified.

Area Director/Program Manager drafts certification letter for PIM with 482



#### Cooperator

Cooperator completes PPQ Form for **all** facilities requesting approval for modifications.

#### **NPPO**

NPPO reviews proposal and sends it to IS.

#### IS

IS forwards the proposal to PIM.

#### PIM

PIM forwards proposal to Area Director/Pro gram Manager and Assistant Director and TMC

#### POP

Area Director/Program

Manager forwards

application to TMC

TMC reviews application for completeness, and sends to S&T.

Complete

S&T reviews materials.

S&T

In-complete

Questions and comments about application are sent to TMC.

TMC sends to cooperator questions, copying Area Director.

Cooperator receives decision letter.

NPPO send decision letter to cooperator

IS sends decision letter to NPPO.

PIM sends decision letter to IS.

POP Area Director sends decision letter to PIM.

TMC forwards decision letter to Area

Director/Program

Manager

S&T approves or disapproves the proposal and send decision letter to TMC.