

Time in Motion Efficiency and Innovation Seed Program at John Dee Warwick

Cost of Absenteeism and Break Even Understanding

Project Code
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Project Description

To Conduct an evaluation of the full operations through analysis work areas and its inputs to identify cost drivers and generated revenues for determining breakeven and recognizing contributing factors that affect this aim at John Dee Processing Plant.

For evaluative purposes, the operation is broken up into three main processing operations that encompass sub-processing areas that work in conjunction to achieve processing goals.

The Processing Operations are Slaughter, Boning and Loadout Operations. For all areas staff, equipment, materials, and process were examined to establish base line capabilities and costs to operate, as well as evaluation on projected production outcomes(yields) and income value for processing cattle for 13 different contract operators and John Dee.

In the process historical performance, staff attendance, transport, plant upgrades and exterior factors that directly affect operations were analysed.

As Project progress from one area to the next, reporting tools, base line KPIs and recommendations were formulated to promote ultimate outcomes in addition to identifying factors that affect processing.

Project Content

The Project has included the following activities:

- Established and documented Overview of Plant, Processes and Plan for Evaluation
- Evaluation of Load Out Operation to include all sub-areas its staffing, processes, and capabilities, historical & present to include upgrades to facilities.
- Evaluation of Organic Transport Operation to include capabilities, historical & present and relationship with John dee Operations.
- Evaluation of staffing with focus on absenteeism and recruitment and its effects on capabilities
- Evaluation of Boning Operations Process to include all sub-areas its staffing and capabilities, historical & present to include upgrades facilities and investigating and establishing base line KPI benchmarks.
- Analysis of Yield for various operators and breeds of cattle on offal, red meat and by-products and establishment of benchmarks for KPI and income projections based on recovery capabilities and contract terms.
- Evaluation of Boning Operations Process to include all sub-areas its staffing and capabilities, historical & present to include investigations for upgrades to facilities to include analysis and establishing base line KPI benchmarks.

- Evaluation of revenues and costs against production based on operators and John Dee production based on cattle type and specified contract terms to project income.
- Aid in Establishment of daily reporting for Boning, Kill Floor and Loadout Operations
- Establishment of a processes and formal reporting for results of John Dee Cattles Productions, on yields and generated incomes and costs by lots.

Project Outcome

The project has multiples intend outcomes which are all focused on creating greater efficiency and understanding of current operations.

Map Plant Process Flow

Produce base document identifying plant areas, capacity, layout, process flows and staffing by to include staffing job description and aid in the development of process management tools to forecast production outcomes and aid with planning.

Investigate and Document Individual Work Areas and Operations

Through daily work and Quarterly reporting produce area-based documents to identifying specific area, layout, process flows, staffing requirements and job description to include measure of historical and current performance,

Investigate and Document Individual Work Areas / Operations Income and Costs

Through analyses identify relevant drivers of costs and sources of income to provided base data for break-even analyst for the plant to include the development of reporting for outcomes and projecting income

Identify and Recommended Improvements

Through analysis identify and recommended efficiency and process improvement in addition to aiding in the establishment of Continuous Improvement Program

Create Framework for the Development of KPI Program

Through observations identify and document-based data key performance data on different areas for the implementation of a KPI program

Create Framework for the Development of tools for planning operations and predicting income.

Establish Tools for planning operations that can be used to cost jobs and predict income and aid in maximising income generation.

Benefit for Industry

The current project initial benefit is in aid in improving a foundational meat processor of high-end product for export, which improves its ability to service a worldwide customer bases current and future demands reliably while improving the sustainably and reputation of John Dee and Operators whose Australian Products are processed through the facility.

The project findings will provide information on the challenges that meat processors face daily and when implementing change and new technologies to a highly staff dependant manual process, by providing:

- details on different work area and process factors processors should consider through normal operations and when implementing change that effect overall outcomes and capacities.
- bases for processors to identify methods for analysing current processes as well as based data for comparison for production outputs.
- Information of the factors that influence processing areas and operations when processing a variety of product for different operators with a source of variable breeds of cattle from different areas.
- Information of the contributing factors that drive and impact costs and revenues when processing for multiple contract operators and how they affect breakeven.
- bases for the methodology for addressing variability, limitations and constrains along different process areas when dealing with extremely variable product.
- information for the elements to consider when assessing or implementing KPI programs.

Useful resources