**Inventory Report: Findings, Summary, and Recommendations for Walmart NYC Store #3051**

**Findings**

This inventory report focuses on the operational performance of Walmart Store #3051 in New York City. Key metrics for stock levels, restocking frequency, and supplier efficiency are analyzed for five critical products across popular categories.

**Key Findings**

1. **High Stock Levels**:
   * **Organic Apples**:
     + Current Stock: **200 units**
     + Reorder Level: **60 units**
     + Last Restocked: **4 days ago**
     + Overstocking observed, likely due to a recent promotional campaign that did not yield expected sales. This surplus could lead to spoilage.
2. **Moderate Stock Levels**:
   * **Whole Milk**:
     + Current Stock: **80 units**
     + Reorder Level: **50 units**
     + Last Restocked: **6 days ago**
     + Sales align well with stock levels. Restocking frequency appears sufficient to meet demand.
3. **Low Stock Levels**:
   * **AA Batteries**:
     + Current Stock: **18 units**
     + Reorder Level: **25 units**
     + Last Restocked: **9 days ago**
     + Batteries are in high demand, and current stock is insufficient. This item is close to a stockout.
4. **Critical Stock Levels**:
   * **Dish Soap**:
     + Current Stock: **5 units**
     + Reorder Level: **20 units**
     + Last Restocked: **12 days ago**
     + Dish Soap is critically low, with current stock levels unable to meet even one day’s sales demand.
   * **LED Bulbs**:
     + Current Stock: **10 units**
     + Reorder Level: **15 units**
     + Last Restocked: **14 days ago**
     + Delayed restocking from the supplier **BrightLight** has created a supply chain gap for this item.
5. **Sales Trends and Stock Value**:
   * Total Inventory Value: **$1,290**
     + Organic Apples: **$400**
     + Whole Milk: **$320**
     + AA Batteries: **$54**
     + Dish Soap: **$35**
     + LED Bulbs: **$120**
6. **Supplier Performance**:
   * Timely deliveries from **FarmFresh Inc.** and **DairyCo** ensure adequate stock for produce and dairy items.
   * **CleanSolutions** and **BrightLight** have inconsistent delivery schedules, leading to delays in restocking Dish Soap and LED Bulbs.

**Summary**

* **Stock Levels**:
  + Organic Apples are overstocked due to overestimation of demand following promotions.
  + Dish Soap and AA Batteries are critically low, with stockouts likely if immediate action is not taken.
  + Whole Milk stock levels align well with sales trends.
* **Supplier Reliability**:
  + FarmFresh Inc. and DairyCo are meeting expectations.
  + CleanSolutions and BrightLight are contributing to supply chain inefficiencies.
* **Operational Impact**:
  + Overstocking of Organic Apples could lead to waste and increased costs.
  + Low inventory for Dish Soap and AA Batteries risks customer dissatisfaction and lost sales.

**Recommendations**

1. **Immediate Restocking**:
   * Place urgent orders for **Dish Soap** (minimum 25 units) and **AA Batteries** (minimum 30 units) to restore stock to safe levels.
2. **Adjust Stock Thresholds**:
   * Increase reorder levels for **Dish Soap** to **30 units** and **AA Batteries** to **40 units** to better match demand trends.
   * Lower the reorder level for **Organic Apples** to **40 units** to avoid overstocking.
3. **Supplier Engagement**:
   * Meet with **CleanSolutions** and **BrightLight** to address delivery delays and establish clear timelines.
   * Explore alternative suppliers for household items and electronics if performance does not improve.
4. **Demand Planning**:
   * Use historical sales data to refine demand forecasting, especially for high-turnover items like Dish Soap and AA Batteries.
   * Monitor the impact of promotions more closely to prevent overstocking in perishable items like Organic Apples.
5. **Implement Safety Stock**:
   * Establish a safety stock policy for critical items:
     + Dish Soap: **10 units**
     + AA Batteries: **15 units**
     + Whole Milk: **20 units**
6. **Track Performance Metrics**:
   * Introduce real-time inventory tracking to identify trends and trigger restocking automatically.
   * Conduct monthly reviews of supplier performance, focusing on on-time deliveries and consistency.

**Conclusion**

By implementing these recommendations, Walmart Store #3051 in NYC can enhance inventory efficiency, reduce operational costs, and improve customer satisfaction. Continued monitoring of inventory and supplier performance, paired with smarter demand forecasting, will ensure long-term operational success in a competitive urban market.