After opening our doors on December 21, 1899, with 25 beds, our facility has grown to be a not-for-profit, fully accredited, regional hospital with 354 beds with a physician staff of over 400, and more than 2,400 employees.
We are the largest hospital, private employer, and charitable organization in Stockton and San Joaquin County. Our centers of excellence include heart, cancer, and women and children's services, including neonatal intensive care (NICU).
Present Initiatives

• Paper Recycling
  – Shred-It
  – FY 12 recycled 464.54 tons

• Reusable Sharps Containers
  – Stericycle
  – FY 12 prevented 21.72 tons of plastic from going into the landfill

• Shrink Wrap Recycling
  – Shred-It
  – Recycled .46 tons

• Batteries Recycling
  – FY 12 recycled 2.09 tons
Present Initiatives

• Pens and Marker’s Recycling
  – Terracycle
  – Funds from the post-consumer products will be donated to our Foundation office.

• Green/Food Waste Recycling
  – Allied Waste
  – FY 12 Green Waste recycled 15.21 tons / Food Waste recycled 93.60 tons

• Used Cooking Oil
  – Darling International
  – FY 12 recycled 3.49 tons

• Scrap Metal Recycling
  – Local recycling company
  – FY 12 recycled 5.67 tons
Present Initiatives

- Computer Equipment Recycling
  - Redemtech
  - FY 12 recycled 12.07 tons

- Re-processed Medical Devices
  - Ascent HealthCare Solutions/Stryker’s
  - FY 12 reduced 3.05 tons of Medical devices from going to the landfill

- Cardboard Recycling
  - Allied Waste
  - FY 12 recycled 112.14 tons

- Medical Supply Donation
  - MedShare International
  - FY 12 recycled 2.11 tons
# Data Tracking Tool

<table>
<thead>
<tr>
<th>MONTH</th>
<th>Assumed Paper Usage (from Previous Year)</th>
<th>Actual Paper Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 10</td>
<td>10,338</td>
<td>14,300</td>
</tr>
<tr>
<td>Aug 10</td>
<td>13,179</td>
<td>15,020</td>
</tr>
<tr>
<td>Sep 10</td>
<td>10,836</td>
<td>14,250</td>
</tr>
<tr>
<td>Oct 10</td>
<td>10,295</td>
<td>14,320</td>
</tr>
<tr>
<td>Nov 10</td>
<td>9,867</td>
<td>13,950</td>
</tr>
<tr>
<td>Dec 10</td>
<td>10,554</td>
<td>15,460</td>
</tr>
<tr>
<td>Jan 11</td>
<td>11,720</td>
<td>15,390</td>
</tr>
<tr>
<td>Feb 11</td>
<td>11,270</td>
<td>15,660</td>
</tr>
<tr>
<td>Mar 11</td>
<td>11,368</td>
<td>15,430</td>
</tr>
<tr>
<td>Apr 11</td>
<td>11,203</td>
<td>14,920</td>
</tr>
<tr>
<td>May 11</td>
<td>10,929</td>
<td>15,230</td>
</tr>
<tr>
<td>June 11</td>
<td>9,673</td>
<td>13,880</td>
</tr>
</tbody>
</table>

| Total | 72,224 | 108,800 |

**'Total' includes adjusted paper usage from previous year.**

### Pounds Per Adjusted Patient Day

<table>
<thead>
<tr>
<th>Type</th>
<th>CTR 1</th>
<th>CTR 2</th>
<th>CTR 3</th>
<th>CTR 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Waste</td>
<td>15.78</td>
<td>13.38</td>
<td>13.35</td>
<td>13.18</td>
</tr>
<tr>
<td>Medical Sharps</td>
<td>0.49</td>
<td>0.27</td>
<td>0.25</td>
<td>0.24</td>
</tr>
<tr>
<td>Stapleigital, Pacs</td>
<td>0.26</td>
<td>0.15</td>
<td>0.15</td>
<td>0.14</td>
</tr>
<tr>
<td>Paper</td>
<td>0.64</td>
<td>0.80</td>
<td>0.82</td>
<td>0.76</td>
</tr>
<tr>
<td>Pallets</td>
<td>1.94</td>
<td>1.31</td>
<td>1.64</td>
<td>1.89</td>
</tr>
<tr>
<td>Human Tissue</td>
<td>0.00</td>
<td>0.04</td>
<td>0.06</td>
<td>0.06</td>
</tr>
<tr>
<td>Other Wastes</td>
<td>0.04</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>Used Cooking Oil</td>
<td>0.11</td>
<td>0.12</td>
<td>0.12</td>
<td>0.13</td>
</tr>
<tr>
<td>Scrap Metal</td>
<td>0.00</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>Steel Wire</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>X-Ray Film</td>
<td>0.02</td>
<td>0.04</td>
<td>0.04</td>
<td>0.04</td>
</tr>
<tr>
<td>Computer Equip.</td>
<td>0.20</td>
<td>0.20</td>
<td>0.20</td>
<td>0.20</td>
</tr>
<tr>
<td>Med Equipment</td>
<td>0.04</td>
<td>0.03</td>
<td>0.03</td>
<td>0.04</td>
</tr>
<tr>
<td>MedSupply Donation</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>TOTAL (DAPD)</strong></td>
<td>29.463</td>
<td>25.67</td>
<td>27.24</td>
<td>27.33</td>
</tr>
</tbody>
</table>

---

**There is an increase in SMC off-site paper pickup from ShredIt.**

---

To Close Fiscal Year 2011

<table>
<thead>
<tr>
<th>Category</th>
<th>Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Lbs.</td>
<td>3,560,586</td>
</tr>
<tr>
<td>Avg. Month</td>
<td>258,626</td>
</tr>
<tr>
<td>Waste Total</td>
<td>1,732,689</td>
</tr>
<tr>
<td>Lbs. Recycled</td>
<td>1,759,068</td>
</tr>
<tr>
<td>Tons Recycled</td>
<td>890</td>
</tr>
<tr>
<td><strong>% Recycled</strong></td>
<td>82%</td>
</tr>
</tbody>
</table>
Encouraging & Informing Staff

SJMC Scorecard for 2007

Did you know...
SJMC is currently recycling over 30% of our overall wastestreams.

In 2007 SJMC recycled...
159.1 tons of paper
1,113,998 gallons of water
9,549 lbs of air pollution
652,484 kilowatts of energy
477 cubic yards of landfill space
15,914 gallons of gasoline
4,700 lbs of batteries
1,770 lbs of blue wrap
1,795 lbs of shrink wrap

St. Joseph’s Medical Center
1st Quarter scores for SJMC FY 09...

93.52 tons of paper
116 lbs of shrink wrap
154 lbs of blue wrap
556 lbs of batteries

Estimated Resources Saved...
1,589 Monterey pine trees
381,287 kilowatt hour of energy
286 cubic yards of landfill space
650,254 gallons of water
54,897 lbs of air pollution
43,300 gallons of gasoline
Encouraging & Informing Staff

St. Joseph's Medical Center
January - December 2008

SJMC Recycled 278.68 tons of paper

Estimated Resources Saved
4,682 Monterey pine trees
1,122,928 kilowatts of energy
842 cubic yards of landfill space
1,915,064 gallons of water
161,677 lbs of air pollution
127,524 gallons of gasoline

We also recycled...
4,806 lbs of batteries
1,454 lbs of blue wrap
2,114 lbs of shrink wrap

Thank you for thinking green.
Encouraging & Informing Staff

St. Joseph’s Medical Center
Scorecard FY10
July 2009 – June 2010
SJMC recycled 525.91 tons of paper

Estimated Resources Saved...
8,940 Monterey pine trees
2,144,133 kilowatt hours of energy
1,609 cubic yards of landfill space
3,658,648 gallons of water
308,708 pounds of air pollution
243,496 gallons of oil

We’ve also recycled...
4,545 lbs of Batteries
595 lbs of Blue Wrap
946 lbs of Shrink Wrap

Did you know?
• In the past 4 years, SJMC has recycled 1599.71 tons of paper?
• SJMC recycles 49% of its overall waste stream?
• SJMC has its own vermacomposting program to create compost for the hospital grounds?
• SJMC has a 3800 sq ft Community Garden with all of the proceeds going out to the community?

St. Joseph’s Medical Center
Earth Day Event
May 15, 2012
11 a.m. – 2 p.m.
Cafeteria Patio

Please stop by the different booths at the recycling fair for fun and prizes.

Alleged Waste • Shred-It Encompass • Stericycle

Attention! Attention!
Onsite document shredding services for St. Joseph’s employee. Limit 6 boxes per employee.

Reduce, Reuse, Recycle
On-Site Laundry

• St. Joseph’s Medical Center’s Laundry Department processes over 3 million pounds of laundry annually.
Surgical Gowns

- Total cost savings of $153,504 annually
- Utilize 62,400 surgical gowns annually
- Reduce the impact on the local landfill by 61,750 gowns annually by using reusable gowns.
Incontinence Pads

- Total cost savings of $50,820 annually
- Utilize 231,000 incontinence pads annually
- Reduce the impact on the local landfill by 230,340 incontinence pads annually by using reusable pads.
Isolation Gowns

- Total cost savings of $319,000 annually
- Utilize 220,000 isolation gowns annually
- Reduce the impact on the local landfill by 217,500 isolation gowns annually by using reusable gowns.
Impact on Local Landfill

![Bar chart showing impact on local landfill for Surgical Gown, Incontinence Pad, and Isolation Gown, comparing disposable and reusable options.]
Community Garden
Let the fun begin...
ST. JOSEPH'S HOSPITAL
Jerry Roek Memorial Garden

Illustrative Plan

2510 N California St, Stockton, CA 95204
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Community Garden
Let the fun begin...
Our Masterpiece

Community Garden
Fruits of the Labor
Fruits of the Labor
Fruits of the Labor
Dignity Health’s 2020 Energy Efficiency & Renewable Goals

• Decrease in system wide energy consumption

• Inaugurated quarterly reporting on Dignity Health’s energy efficiency and renewable goals.

  • Reduced system wide energy intensity in existing buildings by 2.2% per year; 20% cumulative by CY2020

  • Increase use of renewable energy sources to 35% of total annual energy consumption by CY2020

  • Reduce Greenhouse gas emissions by 40% by 2020

  • Include economically viable renewable energy sources in new buildings.
Energy Source

[Diagagram showing energy consumption from CY10 to CY20 with a trend line for % change]
Greenhouse Gas Emissions

Dignity Health
Greenhouse Gas Emissions CY2010-2020

Metric Tons CO2

CY10  CY11  CY12  CY13  CY14  CY15  CY16  CY17  CY18  CY19  CY20
(Baseline)

0  50,000  100,000  150,000  200,000  250,000  300,000

% Reduction CO2 (from CY10)

100%  80%  60%  40%  20%  0%  -20%  -40%  -60%  -80%  -100%

Metric Tons  % Reduction

Climate Registered™
Historical Energy Use

- 2.5% decrease between FY 2011 and FY 2012
- 16.1% cumulative decrease from FY 2008- FY 2012
Energy Efficiency Program

Three Phases

1. Operation Energy Efficiency Program
2. Capital Energy Conservation Program
3. Renewable Energy Program
Operation Energy Efficiency Program

- St. Joseph’s Medical Center & Hospital is 12.6% below energy benchmark
Energy Costs & Environmental Benefits

• Energy reduction have ranged between 5% and 22% of the hospital’s total energy consumption at the 23 hospitals where operational energy efficiency programs have been implemented.

• Annual Cost Savings- $368K

• Electric Reduction- 4,930 MWh’s

• Natural Gas Reduction- 665k therms

• CO2 Reduction- 6.376 metric tons

• Equivalency- 1,210 automobiles drive 15K miles per year @ 25 MPG
Capital Energy Conservation Program

• 4-year program began in FY 2011 is expected to reduce energy consumption by 21.3% once fully implemented
Energy Cost & Environmental benefits

- Annual cost savings-$234K
- Electric reduction-1,552 MWh’s
- Natural gas reduction-46K therms
- CO2 reduction- 734 metric tons
- Equivalency- 140 automobiles drive 15K miles per year @ 25 MPG
Renewable Energy Program

• Mercy Elk Grove was designed and constructed using energy efficient technologies that includes:

  • A 197kW solar array to offset approximately 35% of the electrical consumption

  • Integrated into the parking canopies which also provides covered parking for approximately 80 automobiles

    • To date, system has produced 251K kWh
    • Reduced CO2 emissions by 180 tons
    • Saved over 20,000 gallons of gasoline
Water Conservation

• Implementing improved water reporting system beginning in FY 2014

• Cumulative reduction in usage of 8.8% from FY 2008 through FY 2012

• St. Joseph’s Hospital (Phoenix, AZ) installed 76 waterless urinals - reduced consumption by 1.8M gallons/yr.

• Glendale Memorial Hospital and Health Center modernized their cooling towers - reduced 5.4M gallons/yr.

• Northridge Hospital Medical Center modernized their cooling towers - reduced 4.8M gallons/yr.
Water Conservation

[Bar chart showing water consumption from FY09 to FY13 with a trend line indicating decreasing consumption.]
Water Savings Highlights

- Project Cost- $17,860
- Rebates/Incentives- $12,280
- Net Cost- $5,580
- Annual Savings- $7,954
- Simple Payback- 8.4 months
- Annual Water Savings- 6.2M Gallons
Thank you

John Kendle
(209) 467-6472
john.kendle@dignityhealth.org