

Intermountain Healthcare Water Overview

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Intermountain Healthcare

Established

Founded in 1975 when The Church of Jesus Christ of Latter-day Saints donated its 15-hospital system to the community under Intermountain Healthcare management.

Hospitals

23

Hospital beds

2,802 licensed; 2501 staffed

Clinics

185

Health Plans insured lives

Approximately 1 million

Employees

Over 39,000

Employee Physicians

1,400+

Affiliated Physicians

5,000



Sustainability Statement

Ensure that our operations and activities are as efficient as possible, fiscally sound, and are safe and healthy for our communities and environment today and into our future.

Sustainability

Key Areas of Focus

Energy	Pharmaceuticals
Water	Sustainable Supply Chain
Waste Stream	Facility Planning & Design
Air Quality and Health	Chemicals
Print Management	Community Sustainability Impact
Transportation	Stakeholder Engagement
Food and Nutrition	

Strategic Goals

- Reduce **Energy** Consumption 20% by 2025
- Reduce **Water** usage 20% by 2025
- Decrease **Building Emissions** 20% by 2025
- Receive 25% of **Energy from Clean Energy** Sources by 2025
- **Transportation** - Convert 80% of Fleet to hybrid or zero emission vehicles by 2025, **Transit** 20% of workforce using public transit by 2020.
- Increase **Waste Stream** Recycling and Diversion Rate to 60%, decrease Regulated Medical Waste to 5% by 2025

Sustainability Goals 2018

Fundamental(s)	Wt	Entry Goal	Target Goal	Stretch Goal
STEWARDSHIP LIVE WELL GARDENS		ADD 3 LIVE WELL GARDENS	DEFINE TYPES OF GARDENS, GOVERNANCE/MANAGEMENT, AND EXPECTATIONS/MEASUREMENTS OF SUCCESS	Develop models and collaborations for "Farmer's Markets" and other nutrition based programs for patient groups, caregivers, and community outreach.
STEWARDSHIP WASTE STREAM		INCREASE RECYCLING RATE TO 29% OF TOTAL WASTE STREAM	DECREASE REGULATED MEDICAL WASTE TO 6% OF TOTAL WASTE STREAM	Increase Recycling to 31%. Strategic Plan for Best in Class recycling
STEWARDSHIP PRINT MANAGEMENT		INCREASE DUPLEX RATE TO 20%	REDUCE COLOR COPY RATE TO 4%	INCREASE DUPLEX RATE TO 30%
STEWARDSHIP ENERGY		IDENTIFY AND MAP ALL ELECTRICAL, NATURAL GAS, AND WATER METERS FOR INTERMOUNTAIN BUILDINGS. ACHIEVE \$2M IN ENERGY SAVINGS.	DEVELOP CRITERIA AND SCHEDULE (3 YEAR) FOR COMMISSIONING/RE-COMMISSIONING OF INTERMOUNTAIN BUILDINGS	INVENTORY ALL GRASS/IRRIGATED INTERMOUNTAIN PROPERTIES, VALIDATED ZONING REQUIREMENTS AND PURPOSE, AND IMPLEMENT A PLAN FOR REDUCTION
STEWARDSHIP TRANSPORTATION		FULL ASSESSMENT AND PLAN FOR EV CHARGING AT INTERMOUNTAIN BUILDINGS. PREP FOR BUDGET AS NEEDED. REPLACE 10 POOL VEHICLES TO LOW EMISSION/EV	ESTABLISH STANDARD VEHICLE REPLACEMENT MODELS AND SET REPLACEMENT SCHEDULE TO LOW EMISSION/ELECTRIC VEHICLES.	ESTABLISH STANDARDS FOR ALL "OTHER" VEHICLES (LAWNMOWERS, CARTS, ETC.) TO LOW EMISSION/ELECTRIC MODELS AND SET REPLACEMENT SCHEDULE.
STEWARDSHIP AIR QUALITY		Clear the Air Challenge participation. Increase from .5% to 1% of caregivers	Collect building emission data for Intermountain facilities. Set a reduction plan and target.	Create plan for idling reduction for fleet and pool vehicles that have Geo-tab device.
STEWARDSHIP SUSTAINABLE SUPPLY CHAIN		IMPLEMENT SUSTAINABLE TRAINING PROGRAM FOR SCO POSITIONS	EPP POLICY STATEMENTS IMPLEMENTED OF THE TOP 12 EPP ATTRIBUTES	IMPLEMENT SUSTAINABILITY INITIATIVES WITH SUPPLIERS

Sustainability

2018 KPI's

Goal 2018	Date	Target	KPI	Comments
LiVe Well Gardens – addition of new gardens	3/2018	3	0	Possible sites – TOSH, LDSH,
Waste Stream - Recycling - % of total waste stream	3/2018	29%	25.15%	Adding Clinics, Facilities outside of IWS, restart of IMC/MDH program, discussion on “audit” & education
Waste Stream - Regulated Medical Waste (RMW) - % of total waste	3/2018	6%	7.62%	Discussion on “audit” & education
Energy – Reduction of \$\$	3/2018	\$2,000,000	\$0	Projects identified, working on projected savings
Print Management– increase of duplexing per total copying	3/2018	20%	14.28%	Implementing default/messaging
Print Management– reduction of color copies per total copying	3/2018	4%	6.67%	Implementing default/messaging

Key Factors

- **1.175 billion gallons annually**
 - **Combination of culinary, secondary/canal sources**
- **Similar to lodging services**
 - **Laundry Services / Food prep & clean up / Janitorial**
- **Intensive users**
 - **Plant Operations**
 - **Food Services**
 - **Surgical Services**
 - **Grounds**
 - **Patient care**

Comparisons

- Benchmarking (Energy Star, Practice Greenhealth)
 - Data collection and upload
- Collaboration (Health Systems, Businesses, Cities, State)
- Consulting
- Recommissioning

Actions

- Low flow devices and fixtures
- Faucet flow restrictors
- Weather watch sprinkler systems
- Drip systems for irrigation
- Xeriscape & native plantings (60% of campus)
- Moving from steam to closed loop system
- Chiller / Boiler upgrades, replacements
- Recirculating water

Efficiency Goal

- Average hospital uses 140,000 gallons per day or 51M gallons per year
- Based on that average, Intermountain would be should be using 1.175B gallons annually
- The 20% goal reduction would be 235M gallons.
- The actual reduction goal will be _____