

Environmental Protection Management

Services			Health Care		Research		Academic		Business	
			On Campus	Off Campus	On Campus	Off Campus	On Campus	Off Campus	On Campus	Off Campus
Training										
Stormwater Compliance - MS4 permit for Galveston and League City campuses: Requires annual training for facilities staff and contractors addressing pollution and sediment controls and the implementation of Best Management Practices (BMPs) for construction contractors seeking coverage under UTMB's MS4 SWPPP. EHS performs weekly SWPPP inspections to ensure BMPs are working properly – opportunity for one-on-one training capacity: 4 - 5 classes/year	Quality Indicator or KPI	# of completed training as identified by need							X	X
	Data Source	EHS database								
	Target	100% of designated staff trained								
	Report To	TCEQ								
	Frequency of Reports	Annual								
Spill Prevention, Control and Countermeasure (SPCC) Plan - Annual required training to review SOPs for preventing oil/fuel releases, preventative inspections, and spill response procedures. Highlighted by EHS providing periodically briefings regarding pollution prevention examples from industry to facilities personnel. capacity: 4 - 5 classes annually	Quality Indicator or KPI	# of completed training as identified by need							X	X
	Data Source	EHS Database								
	Target	100% of designated staff trained								
	Report To	TCEQ								
	Frequency of Reports	Annual								
Universal Waste – EHS designated waste storage areas with recycling considerations for used oil (oil filters), electronic devices, fluorescent lamps (silver tip lamps), mercury-bearing equipment, used batteries (i.e., lead acid, nickel cadmium, zinc oxide), paint and paint-related materials. Materials may not be discarded as municipal waste. Facilities staff is required to receive annual training. capacity: 4 - 5 classes annually	Quality Indicator or KPI	# of completed training as identified by need							X	X
	Data Source	EHS database								
	Target	100% of designated staff trained								
	Report To	TCEQ								
	Frequency of Reports	Annual								

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Environmental Compliance Training - Combined EHS Training New Student Orientation, Institutional on-line compliance training, hazardous materials management classes for varying aspects of EHS compliance. Capacity: unlimited number of online trainees, includes informal training scheduled throughout the year	Quality Indicator or KPI	EPA, TCEQ, DOT hazardous materials regulations	X	X	X			X		X	X
	Data Source	Institutional Compliance, Department Requests-students, staff									
	Target	100% designated staff trained									
	Report To	TCEQ, DOT									
	Frequency	Annual									
Monitoring											
Water (Potable) Treatment Program - EHS monitors drinking water by weekly sampling schedule according to TCEQ copper/silver ionization permit compliance. Healthcare Epidemiology and EHS collect water samples from core patient care buildings for water chemistry and Legionella analysis. Coordinated effort with BOF on appropriate treatment measures.	Quality Indicator or KPI	EPA / TCEQ water chemistry standards	X								
	Data Source	EHS database									
	Target	100% of on time reporting									
	Report To	TCEQ									
	Frequency of Reports	Quarterly									
Inspections											
Hazardous Waste Generator - Audits Numbers varied according to hazardous waste generation. Inspect, document & report capacity = 25% of generators inspected annually, schedule generated by hazardous waste pickup/disposal requests	Quality of Performance or KPI	TCEQ - completion of 25% of audits each quarter	X	X	X			X		X	
	Data Source	EHS Database									
	Target	100%									
	Report To	TCEQ									
	Frequency	Annual									

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<p>Stormwater Compliance Inspections (Galveston and League City Campus) - Initial setup of stormwater protection plan in design/development meetings, weekly construction site inspections for > 1 acre projects require a stormwater plan/permit (SWPPP and Signage) with weekly job site inspections: 3- 5 projects/year < 1 acre projects require an EHS SWPPP exception with BMPs to protect storm drains and weekly job site inspections: 8-10 projects/year.</p> <p>Campus dry/wet weather inspections are monthly according to MS4 permit.</p>	Quality of Performance or KPI	100% of projects require EHS inspection							X	X
	Data Source	EHS database								
	Target	100% sites								
	Report To	TCEQ								
	Frequency	All construction sites - weekly								
		Campus outfalls - monthly								
<p>Chemical Waste Management Facility - EHS Designated Satellite Accumulation Areas (Galveston and League City Campus) require weekly inspections.</p> <p>Inspect, document, and report waste capacity of each storage facility weekly.</p>	Quality of Performance or KPI	100% weekly EHS inspection	X	X	X				X	X
	Data Source	EHS database								
	Target	100% all sites								
	Report To	TCEQ								
	Frequency	weekly								
<p>Regulatory Compliance Inspections - Inspect environmental aspects where there is potential for a significant issue. Capacity - 3 campuses and approximately 90 off site locations identified – EHS will use EOC tour process to accommodate all locations</p>	Quality of Performance or KPI	completion of 25% of audits each quarter	X	X	X		X		X	X
	Data Source	EHS database								
	Target	100% sites								
	Report To	Safety Committee								
	Frequency	Annual								

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Underground and Aboveground Storage Tank Compliance and Reporting - Audits based on TCEQ regulatory criteria for USTs. Capacity: Galveston - 2 USTs Maintain - UST Operator Certification Annual TCEQ Permit Authorization	Quality of Performance or KPI	Inspect and report on 100% USTs							X	
	Data Source	TCEQ								
	Target	100% on-time								
	Report To	TCEQ								
	Frequency	Annual								
Hazardous Waste Management - Oversee and administer program through receipt of departmental requests, pickup and remove hazardous chemical and radioactive waste, sort, identify and designate compliant disposal methods, oversee disposal contractor - current Capacity: 1200 individual pickups per year with site specific records are maintained according to regulations	Quality of Performance or KPI	100% on-time pickup and reporting	X	X	X			X		
	Data Source	EHS database								
	Target	100% on-time								
	Report To	TCEQ								
	Frequency	Annual								
Emergency Spill Response - Respond to Campus Emergencies involving spilled/released chemical, radiological or biological materials 24/7/365 to meet regulatory requirements and ensure campus safety in a spill response situation. Capacity: 2-5 significant events/ year and 25 small events/quarter	Quality of Performance or KPI	Respond (on-site) to all reported events, within 1-hour after normal-hours	X	X	X			X		
	Data Source	EHS on-call program								
	Target	on-site within 1 hour from notification								
	Report To	EPA, TCEQ, County, Coast Guard, GLO								
	Frequency	1-2 events per year								

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Source Reduction / Waste Minimization - Coordinate and administer pollution prevention programs, consulting with waste generators (labs, pharmacy) to reduce output, identify new methods to remove sources of hazardous waste, and operate programs to recycle waste to useable material or reduce waste generation. Capacity: 3-5 Large quantity generators	Quality of Performance or KPI	Audit large hazardous waste producers for SR/WM	X	X	X		X		X	
	Data Source	EHS Waste Generator data								
	Target	10% Waste Reduction								
	Report To	TCEQ								
	Frequency	Annual								
Title V Clean Air Act Compliance & Reporting - Monitor and administer UTMB's Title V (Clean Air Act) Operating Permit for compliance. Includes receiving data from operational sources, extrapolating data to generate required state and federal reports as outlined by EPA and TCEQ, coordinate regulatory inspections. Capacity: 4 boilers, 1-incinerator and 8 qualifying emergency generators.	Quality of Performance or KPI	On-time reporting, "0" violations	X		X		X		X	
	Data Source	EPA/TCEQ Title V Permit								
	Target	100% Compliance								
	Report To	TCEQ, EPA, Galveston County Health								
	Frequency	Semi-Annual								
Municipal Solid Waste Type V Facility Compliance & Reporting - Oversee environmental compliance of the medical waste incinerator / autoclave facility for state and federal regulatory testing, reporting requirements. Includes wastewater monitoring, Emissions Monitoring, Title V reporting, environmental management system for documentation	Quality of Performance or KPI	On-time reporting, "0" violations	X							
	Data Source	TCEQ Permit, EPA Code								
	Target	100% Compliance								
	Report To	TCEQ								
	Frequency	Annual								

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Pharmaceutical Waste Disposal - EPM provides training as deemed necessary according to EOC staff knowledge surveys from weekly Tours, improper disposal findings, and to address questions or areas showing knowledge deficiencies. Training is targeted for hospital and clinic personnel. EPM, Infection Control and Nursing Services consult, develop and provide education through online communication and assign employee training. Capacity - unlimited number of trainees	Quality Indicator or KPI	# of completed training as identified by need	X	X	X					
	Data Source	EOC tour database								
	Target	100% of designated staff trained								
	Report To	TCEQ & EOC								
	Frequency	Semi-Annual								
Environment of Care (EOC) Compliance - Evidence of compliance according to the Joint Commission hazardous materials performance standards. EPM will provide oversight for handling, storage, use, and disposal of hazardous materials and waste management to include Institutional policy and procedure, Committee support (EOC, Institutional Safety Committees), EOC tour support, appropriate training, reporting and documentation, and special assignments related to hazardous materials management compliance.	Quality Indicator or KPI	TJC standards - Institutional reporting	X	X						
	Data Source	EHS departmental records								
	Target	100% designated staff trained								
	Report To	Leadership								
	Frequency	Monthly								