

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF SOLID AND HAZARDOUS WASTE FY2012 GOALS

I. ENVIRONMENT

Mission- Protect human health and the environment by promoting pollution prevention (P2) and ensuring safe waste management through the proper handling, transportation, recycling, treatment, storage and disposal of solid and hazardous wastes, used oil, and waste tires.

EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 4.2: Promote Pollution Prevention.	By 2015, reduce 15 billion pounds of hazardous materials cumulatively through pollution prevention.	Waste Minimization – Implement and support waste minimization and pollution prevention.	<p>a. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA.</p> <p>i. Conduct on-site visits to SQGs to provide updated information on waste minimization programs and opportunities as well as compliance assistance.</p>
				<p>b. Continue Division pollution prevention policy implementation. Provide pollution prevention information and technical assistance to staff and businesses that generate waste.</p>
				<p>c. Continue working with EPA hazardous waste minimization programs to assure that P2 resources are leveraged as appropriate to meet common goals. EPA and the Division will look for opportunities to reflect how state actions support national goals. Review, comment on, and utilize state hazardous waste generation profiles prepared by EPA to increase waste minimization and P2 efforts and successes and to meet other specific state needs. Identify opportunities to link waste minimization efforts to reductions in EPA's priority chemicals in RCRA</p>

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			<p>waste streams generated within the state.</p> <p>d. Administer an effective used oil recycling program.</p> <ul style="list-style-type: none"> i. Track and evaluate the amount of used oil collected for recycling, particularly used oil collected from Do-it-yourselfers (DIYers). ii. Review and process semiannual DIYer reimbursements within established timeframes. iii. Support and help to maintain a sufficient number DIYer collection centers to make it convenient for the public to recycle their used oil. iv. Provide current listing of collection centers via the Division Web site. v. Document the number of new collection centers established during the fiscal year. vi. Maintain an effective Used Oil Block Grant Program to promote the recycling of used oil. <ul style="list-style-type: none"> A. Document the number of requests for grant packets. B. Document the amount of funds awarded. <p>e. Continue administration of the waste tire recycling program.</p> <ul style="list-style-type: none"> i. Review bids for the cleanup of abandoned waste tire piles and waste tire piles at municipal landfills within 30 days. ii. Receive annual waste tire recyclers and transporters registrations. Maintain a list of current registrants and make available via the Division Web site. iii. Inspect each tire recycler and transporter once each year to assure compliance with the Utah Waste Tire Act.

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				<p>f. Other recycling programs</p> <ul style="list-style-type: none"> i. Continue to be a member of the Recycling Coalition of Utah's E-scrap Committee and actively participate in development of e-scrap recycling recommendations for the State Legislature. ii. Participate in EPA Region 8's Western Region Electronics Stewardship Steering Committee activities. iii. Continue to compile program information on recycling activities of cities and counties in Utah. iv. Continue membership and participation in the Product Stewardship Institute conference calls and meeting as budget allows. <p>g. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper	Minimize Releases of Hazardous Waste and Petroleum Products	Permits, Closure, and Post-Closure-	a. Maintain effective solid and hazardous waste permitting and closure/post closure programs.
				b. Maintain accurate information of the hazardous waste universe and status of hazardous waste facilities subject to closure requirements, post-closure permits, and operating permits. Provide the preceding information through automated data systems (RCRAInfo) for all required data elements by the 20th of the month following the activity.

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	management of waste and petroleum products.			<p>c. Provide appropriate closure/post-closure and permit response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, and program priorities. Appropriate responses may include, but are not limited to; closure plan approvals (RCRAInfo data element CL360), closure verifications (CL380), final post-closure permit determinations/issuances (PC200), and final operating permit determinations (OP200). Permit modifications (PC240) are as equally important as the preceding activities because they generally reflect upgrading or updating permit conditions resulting in operational improvements for permitted TSDFs in managing hazardous waste.</p> <p>d. Conduct periodic analysis of effectiveness of closure/post-closure and permitting activities utilizing program tracking information and conducting briefings with staff for ongoing coordination. This will help to identify areas of progress and areas of concern. Updates to future strategies for accomplishing such activities will be made, as necessary, as part of the FY 2013 planning process.</p> <p>e. Maintain Solid Waste Facility database and tract status of facilities in post-closure care. Inspect each facility in post-closure care once each year.</p> <p>a. Maintain effective solid and hazardous waste permitting and closure/post closure programs.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum	Restore Land. Prepare for and respond to accidental or intentional releases of contaminants and clean up and restore polluted sites.	Corrective Action-	<p>a. Maintain effective corrective action program, including stabilization of environmental releases and cleanup of contaminated waste sites.</p> <p>b. Maintain and update, as necessary, facility specific corrective action information (universe identification and status) for hazardous waste facilities subject to corrective action, including site assessment, stabilization (accounting for health and environmental risk control measures), and regular corrective action process activities through staff interaction, correspondence and/or automated data systems (RCRAInfo). For RCRAInfo, all</p>

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	products.		<p>required data elements will be entered by the 20th of the month following the activity.</p> <p>c. Provide appropriate corrective action response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include initial assessment of all TSDs in the corrective action universe including assessment completed (CA050), determination of the need for an RFI (CA070), and CA universe ranking (CA075)), RFI imposed (CA100), RFI approved (CA200), remedy selection (CA400), CMI construction completed (CA550), and corrective action process completed (CA999/RE).</p> <p>d. Provide appropriate stabilization response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include stabilization measures evaluation (CA225), stabilization imposed (CA600), stabilization construction completed (CA650), and stabilization process complete (CA999/ST).</p> <p>e. Conduct periodic analysis of the effectiveness of corrective action activities and update, as necessary, future strategies for accomplishing such activities as part of the FY 2013 planning process. This analysis may include the following environmental indicators: the number and percentage of handlers subject to corrective action with (1) human exposures under control (CA725), and with (2) migration of contaminated groundwater under control (CA750). The Division will prepare, complete, and submit to EPA Region 8 appropriate documentation of accomplishments of the above indicators.</p> <p>f. In coordination with EPA Region 8, continue to evaluate annually and amend, as necessary, the facility-by-facility multi-year plan for corrective action activities.</p> <p>g. Maintain effective corrective action program, including stabilization of environmental releases and</p>

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				cleanup of contaminated waste sites.
GOAL 5: Enforcing Environmental Laws.	Objective 5.1 Enforce Environmental Laws.	By 2015, conduct 105,000 federal inspections and evaluations (5-year cumulative).	Compliance and Enforcement- Evaluate compliance status of solid waste, hazardous waste, and used oil handlers and facilities and foster an ongoing commitment to compliance and environmental protection through on-site inspections and compliance assistance activities.	a. Update inspection universe and develop inspection schedule for FY 2012 by September 30, 2011. The selected universe and schedule will incorporate, as appropriate, state, regional, and national priorities. The selected schedule will also include 20% of the large quantity generator (LQG) universe as determined and agreed to by the Division and EPA using RCRAInfo as of September 1, 2011. The Region will develop its FY2012 Inspection schedule and submit to the Division by October 30, 2011.
				b. Complete targeted inspections by September 30, 2012.
				c. Participate in joint state and federal industry sectors initiatives.
				d. Continue implementation of the small quantity generator compliance assistance program in FY 2012.
				e. Provide facility specific compliance and enforcement information through the proper and timely entering of program data into automated data systems (RCRAInfo).
				f. Conduct periodic analysis of effectiveness of evaluation activities. This will consist of staff and/or facility contact and data systems reports to note areas of progress and areas of concern.
				g. Consider economic factors in determining penalties for violations.
				<ul style="list-style-type: none"> i. Use EPA economic computer models to assist in evaluation. ii. Use maximum flexibility when negotiating consent agreements to include consideration of financial viability of regulated party.

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				<p>h. Continue coordination of EPA Region 8's implementation of the CERCLA Offsite Rule (OSR). A regional implementation policy has been established and will serve as the basis for the Region's implementation of the OSR.</p> <p>i. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY2012. Coordinate with the Region on Financial Assurance as appropriate.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.		Environmental Justice- The Division recognizes that incorporation of environmental justice into the RCRA regulatory program is a priority for EPA Region 8. Upon request, EPA will provide the Division access to Geographic Information System (GIS) environmental justice tools; provide information to the Division on environmental justice grants; and share information about any available environmental justice resources. The Division may utilize EPA staff and GIS resources, as appropriate, in the implementation of the State hazardous waste program.	a. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable,	Promote sustainable communities	State-Based Regulation of Environmental Programs-	<p>1. Develop statutory and regulatory authorities to qualify for continued program authorization.</p> <p>2. Adopt new hazardous waste, solid waste, and used oil rules promulgated by EPA to maintain regulatory equivalency and program authorization.</p>

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	resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.			3. Identify new federal hazardous waste rules promulgated during cluster period ending June 30, 2010 and which require adoption by the Solid and Hazardous Waste Control Board.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.	Promote sustainable communities	Partnership with Federal, State, Local and Tribal Governments-	<p>1. The Environmental Services Delivery Plan (ESDP) delineates roles and responsibilities, joint goals and objectives, and establishes accountability between the Division and local health departments and local governments. Effectiveness of the Environmental Service Delivery Plan in developing a state/local partnership, coordinating delivery of services, and obtaining adequate resources will be evaluated. The Division will improve the effectiveness and efficiency of statewide delivery of environmental services by strengthening relationships with all levels of government.</p> <p>a. Work with federal, state, local (including local health departments), and tribal governments and provide information to plan for and manage the environmental impacts of growth.</p> <p>b. Provide technical and non-technical training to local health departments, industry, local governments, or other groups.</p> <p>c. Focus on teamwork and partnership in identifying and resolving problems.</p>

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			<p>d. Receive and evaluated feedback on success of partnerships.</p> <p>e. Address key problems identified by government partners and develop and implement solutions.</p> <p>f. Evaluate effectiveness of the Performance Partnership Agreement in developing a state/federal partnership, coordinating delivery of services, and obtaining adequate resources.</p> <hr/> <p>2. Improve the efficiency of statewide delivery of waste management services by strengthening relationships with local health departments and EPA.</p> <p>a. Identify key waste management problems and implement a solution in partnership with local health departments, local government, the Division, and EPA.</p> <p>b. Provide adequate resources to implement Environmental Service Delivery Plan.</p> <hr/> <p>3. Establish positive relationship between the Division and local health departments.</p> <p>a. Notify local health departments of any Division activities occurring in their areas of jurisdiction.</p> <p>b. Ensure directors of local health departments, or their designee, are copied on correspondence related to the Division activities associated with their area of jurisdiction.</p> <p>c. Meet with each local health department at least annually.</p> <hr/> <p>4. Inform local governments concerning the Division programs and activities in order to be able to comply with appropriate regulations and plan for future needs.</p> <p>a. Participate, when invited, with local government</p>

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			<p>organizations, at regular seminars and training meetings, as well as respond to individual requests for information.</p> <p>b. Solicit input from local governments regarding proposed rules which could impact their areas of jurisdiction.</p> <p>5. Enhance the State/EPA partnership and to ensure the management of a quality hazardous waste program.</p> <p>a. Jointly develop and maintain the MOA, the enforcement agreement, quality assurance plan for environmental data collection, and other operating guidance. In FY 2012, the Division and EPA will review and revise, if necessary, the MOA.</p> <p>b. Jointly plan and prioritize program goals, objectives and activities which address joint priorities. The Division and EPA will work together on PPA development, program activities and priorities, inspection strategies, planning meetings, program reviews, and national assessments of major program elements.</p> <p>c. Maintain a high level of coordination and cooperation between state and EPA staff to assure successful and effective administration of the program. Coordination includes evaluation of desirable technical support and targets for joint efforts/work sharing.</p> <p>d. Maintain frequent/open communication on routine matters, changes in program capability, legislation, and resource levels, emergency situations, and other key activities as described in the MOA. EPA and the Division will hold regular meetings or conduct conference calls, at least quarterly, to share information, identify and solve problems, and engage in short-term planning efforts.</p> <p>e. Jointly identify state training and technical assistance needs. EPA will make training and technical</p>

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				assistance available to the state and will work towards improving the capability to provide high quality assistance.

FY 2012 Hazardous Waste Program Commitments for UTAH					
Event	# of Facilities or Units	Achieved by EOY FY2011	FY 2012		
			Committed	Achieved	EOY
Closure Activities (all at unit level)					
Closure Plan Approval (CL360) for LDUs	55	53		0	53
Closure Verification (CL380) for LDUs	55	52		0	52
Closure Plan Approval (CL360) for TSUs	148	144		0	144
Closure Verification (CL380) for TSUs	148	129		0	129
Closure Plan Approval (CL360) for CUs	6	6		0	6
Closure Verification (CL380) for CUs	6	3		0	3
Closure Plan Approvals Total (LDUs+TSUs+CUs)	209	203		0	203
Closure Verifications Total (LDUs+TSUs+CUs)	209	184		0	184
Permit Activities at GPRA Universe Facilities (all at facility level)					
Permitted Facilities under Approved Controls	27	26		0	26
Permit Renewal due this FY	4	1	1	0	2
Permit Activities Totals				0	
Permit Activities for GPRA Universe Facilities (at unit level)					
Controls in Place for LDUs on Closure Track	40	39		0	39
Controls in Place for LDUs on Operating Track	4	4		0	4
Controls in Place for TSUs on Operating Track	133	133		0	133
Controls in Place for CUs on Operating Track	6	6		0	6
Corrective Action Activities at GPRA Universe Facilities (activities are at facility level, unless specified at area level)					
RCRA Facility Assessments (CA050)	24	24		0	24
Overall Facility NCAPS Ranking (CA075)	24	24		0	24
Facility Stabilization Assessment (CA225)	24	23		0	23

Facility Remedy Selection (CA400) (GPRA)	24	13		0	13
Facility Construction Completion (CA550) (GPRA)	24	12		0	12
Human Health Exposures Controlled (CA725) (GPRA)	24	23		0	23
Groundwater Migration Controlled (CA750) (GPRA)	24	17		0	17
RFI Imposed (CA100) (area level)	850	776		0	781
RFI Approved (CA200) (area level)	850	589	8	0	625
Remedy Selection (CA400) (area level)	850	463		0	501
Construction Completion (CA550) (area level)	850	325	1	0	364
Corrective Action Completed (CA999) (area level)	850	310	6	0	351

1. Closure Verification (CL380) for TSUs:

2. Permit Renewal: Clean Harbors Grassy Mountain LLC,

3. RFI Approved (CA200) (area level): Dugway Proving Grounds SWMU 204(carry over from FY2011), ATK Launch Systems- Bacchus Facility SWMUs BW-4,5,7,9 N-1,2 SS-1 and SL-4)

4. Remedy Selection (CA400) (area level):

5. Construction Completion (CA550) (area level): ATK Launch Systems- Bacchus Facility SWMU 23

6. Corrective Action Completed (CA999) (area level): Tooele Army Depot SWMUs 3, 11, 25, 45 and 49. ATK Launch Systems- Bacchus Facility SWMU 23

7. Human Health Exposure Controlled Determination (CA725):