



FORT GORDON



US Army Garrison-Ft Gordon Environmental Quality Control Committee

13 July 2016
presented by

COL Turner
Garrison Commander, Fort Gordon, GA
Chairman

IMCOM Mission – Our mission is to synchronize, integrate and deliver installation services and sustain facilities in support.

*Environmental Quality Control Committee (EQCC)
Garrison Energy Steering Committee (GESC)*



*3rd Quarter, FY 2016 Agenda
13 July 2016 (1230hrs - 1330hrs)
GC Conference Room, Darling Hall*

CALL TO ORDER BY CHAIRPERSON, EQCC/GESC.....*Col. Turner*
WELCOME AND PRESENTATION OF AGENDA*Mr. Rob Drumm*

ENVIRONMENTAL MANAGEMENT REVIEW.....DPW, Environmental Division

- A. Review of Sustainability Objectives and Targets
- B. Command Analysis Overview of Environmental Program Areas

SEMS OBJECTIVES AND TARGETS 3rd QTR FY16 BRIEFINGS

ENVIRONMENTAL COMPLIANCE.....DPW-ED

Targets 2-1, 2-2, 2-3

POLLUTION PREVENTION AND GREEN PROCUREMENT.....DPW, LRC, DFMWR

Targets 8-2, 8-3

SUSTAINABILITY/MONITORING & MEASURING.....DPW-ED

Targets 10-1, 10-2

ENVIRONMENTAL TOPICS, UPDATES & SPECIAL REPORTS.....DPW, Environmental Division

GUIDANCE AND CLOSING*Col. Turner*



PURPOSE of the EQCC



- Assist the Garrison Commander in the formulation of installation
 - environmental compliance,
 - pollution prevention,
 - energy and water conservation, and
 - natural and cultural resource management policies.
- Review progress towards meeting established goals.
- Monitor the effectiveness of the organizational environmental programs.
- Review the status of the Installation Corrective Action Plan (ICAP).

- This meeting also includes the Garrison Energy Steering Committee and the Recycling Committee requirements.

Garrison Energy Steering Committee goals:

To support the Army's energy strategy and campaign to reduce energy and water waste and build and execute effective energy management program.

Recycling Oversight Committee goals:

To discuss progress, issues, requirements and practices that will effectively minimize waste for the continuous improvement of the program.

EQCC Board Composition

- | | |
|--|---|
| V Garrison Commander (Chairman) | V Dir, of Human Resources |
| V Deputy to the Commanding General | V Dir, of Emergency Services |
| V Cdr DDEAMC | V Dir, of Logistics |
| V Cdr, 15 th Signal Brigade | V Dir, of Plans, Analysis, Integration Office |
| V Cdr, 35 th Signal Brigade | V Dir, of Public Safety |
| V Cdr, 706 th MI GP | V Dir, of Public Works |
| V Cdr, 480 th ISRG | V AAFES |
| V Cdr, 359 th Signal Brigade – USAR | V DeCA Southern Region |
| V Cdr, 513 th Military Intelligence Bde | V Dir, of Contracting |
| V Cdr, 116 th MI Brigade | V Dir, of DFMWR |
| V Cdr, NAVIOCOM | V Dir, of DPTMS |
| V Cdr, RTS-Medical | V Chief of Staff 3rd MEDCOM (Gillem Enclave) |
| V Cdr, U.S. Army Reserve Center | V CID Director (Gillem Enclave) |
| A Area Engineer, USACOE | V U. S. National Guard (Gillem Enclave) |
| A Office of the Staff Judge Advocate | V Balfour Beatty Fort Gordon Communities |
| A Chief, Environmental Division | V National Security Agency |
| A Chief, GRMO | A Georgia Power; Southern Company |
| A Chief, Public Affairs Office | A Augusta Utilities |
| A Deputy Garrison Commander | A Atlanta Gas and Electric |
| A Gillem Enclave Manager | |

A/Red = Advisors

V/Black= Voting Members

Garrison Commander

SEMS Management Representative

SEMS Coordinator

Cross Functional Team

Unit Commanders

Installation Directors

Contractors

Tenant Organizations

* Only approved members vote on topics presented by the CFT

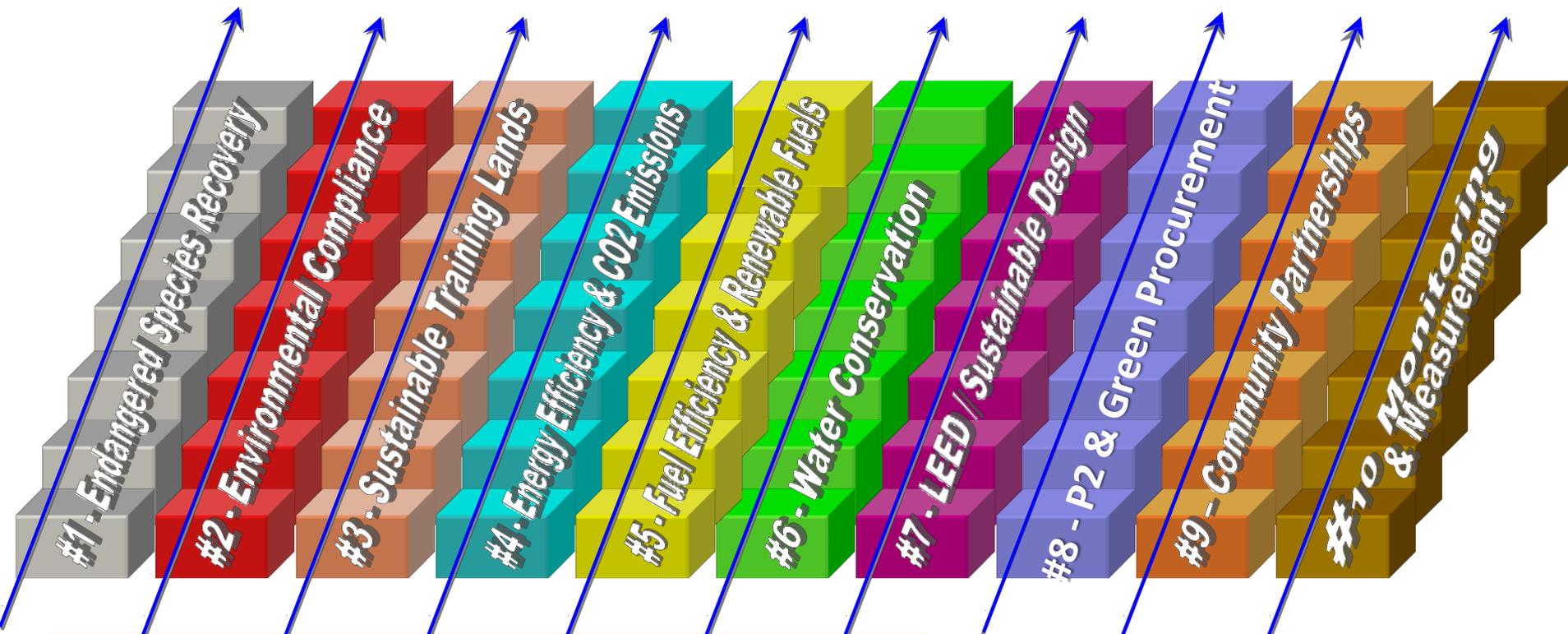
- ***Please be sure to sign the roster.***
- ***Please state your name and organization prior to making any comments and/or asking questions so we can accurately record the minutes.***





Overview of Sustainability Targets

Sustainable Fort Gordon





Sustainability Objectives and Targets

Climbing the Steps to a Sustainable Future

Sustainable Fort Gordon

#2 - Environmental Compliance

#8 - P2 & Green Procurement

#10 Monitoring & Measurement

All Current Metrics and Champion Organization

Installation Sustainability Objectives	Champion Organization
1. ENDANGERED SPECIES RECOVERY	DPW-ED, Natural Resources Branch
1-1 - Restore the biological integrity on 25,814 acres of longleaf wiregrass ecosystem by 2059.	DPW-ED, Natural Resources Branch
1-2 - Increase RCW habitat by 200 acres per year, maintain 5-10% population growth to 30 active clusters by 2020.	DPW-ED, Natural Resources Branch
2. ENVIRONMENTAL COMPLIANCE	DPW-ED, Compliance Branch
2-1 - Reduce volume of discharge by 25% within 10 years through development of LID projects	DPW-ED, Compliance Branch
2-2 - Annually reduce the amount of hazardous waste generated.	LRC; DPW-ED, Compliance Branch
2-3 - Achieve an annual 50% diversion rate for non-hazardous solid waste and C&D debris.	DPW-ED
3. SUSTAINABLE TRAINING LANDS	DPTMS- Range Control
3-1 - Minimize degradation of training lands and long-term damage to soils, vegetation	DPTMS- ITAM
3-2 - Increase the training acres through mitigation of impaired areas by 100 acres per year through 2020.	DPTMS- ITAM



Review of Sustainability Objectives and Targets



All Current Metrics and Champion Organization

Installation Sustainability Objectives	Champion Organization
4. ENERGY EFFICIENCY & CO2 EMISSIONS	DPW- Operations and Maintenance Division (OMD)
<p>4-1 - Improve energy efficiency and reduce greenhouse gas emissions by reducing building energy intensity by 2.5% annually through FY25 relative to the FY15 baseline.</p>	DPW-OMD
5. FUEL EFFICIENCY AND RENEWABLE FUELS	Logistics Readiness Center/ DPW-OMD
<p>5-1 - Increase renewable electric energy use and clean energy use 10% in FY16 and FY17.</p>	DPW-OMD/ LRC
<p>5-2 - Improve fuel efficiency and fleet management to achieve a 4% reduction in fleet-wide per mile GHG emissions by the end of FY17.</p>	LRC
<p>5-3 - Increases the total fuel consumption that is non-petroleum-based by 10% annually.</p>	LRC
<p>5-4 - Use plug-in hybrid (PIH) vehicles when PIH vehicles are commercially available.</p>	LRC



Review of Sustainability Objectives and Targets



All Current Metrics and Champion Organization

Installation Sustainability Objectives	Champion Organization
6. WATER CONSERVATION	DPW-OMD
<p>6-1 - Reduce potable water consumption intensity 36% by FY25 through 2% annual reductions relative to the FY07 baseline.</p>	DPW-OMD
<p>6-2 - Reduce industrial, landscaping, and agricultural (ILA) water consumption intensity by 2% annually relative to the FY10 baseline.</p>	DPW-OMD
7. LEED/ SUSTAINABLE DESIGN AND LOW IMPACT DEVELOPMENT (LID)	DPW
<p>7-1 - Ensure that new construction and major renovations comply with the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings set forth in the Federal Leadership in High Performance and Sustainable Buildings MOU.</p>	DPW
<p>7-2 - Ensure 15% of the existing capital asset building inventory as of the end of fiscal year 2025 incorporates the sustainable practices.</p>	DPW
<p>7-3 - Ensure by FY2020 all new buildings (>5,000 GSF) entering the planning process are designed to achieve energy net-zero, and, where feasible, water or waste net-zero by FY2030.</p>	DPW

All Current Metrics and Champion Organization

Installation Sustainability Objectives	Champion Organization
8. POLLUTION PREVENTION AND GREEN PROCUREMENT	DPW-ED/DFMWR; QRP/ MICC/ LRC
8-1 - Use paper of at least 30 % post-consumer fiber content.	MICC
8-2 - Reduce the quantity of toxic and hazardous chemicals and materials acquired, used, or disposed.	LRC/DPW-ED
8-3 - Maintain cost effective waste prevention and recycling programs throughout the installation (plastic, metals, paper, and cardboard).	DFMWR
9. COMMUNITY PARTNERSHIPS	DPW-ED
9-1 - Army Compatible Use Buffer (ACUB)	
9-2: Implement requirements of the Integrated Cultural Resources Management Plan 2011-2016	
10. SUSTAINABILITY/ MONITORING & MEASURING	DPW-ED/ PAIO
10-1 - Environmental Performance Assessment and Assistance System (EPAAS) Quarterly Update.	DPW-ED
10-2 – Sustainability Environmental Management System (SEMS) Conformance.	DPW-ED

Command Analysis Overview of Environmental Program Areas

DPW, Environmental Division

Fort Gordon Command Analysis Environmental Program Overview

Prevention & Compliance Branch

3rd QTR FY 16

Program Areas (Compliance Branch)	Program Components	Driver	Status
Compliance Overview	Air	PL	Consent order for peak shaving operations closed out. New title V permit issued by the GA EPD. Reviewing emission sources at facilities to ensure data is current
	Asbestos/Lead	PL	Reviewing work orders and projects. Plan for lead/asbestos updated and signed.
	Storm Water/Wastewater	PL	EAMC, Lane Avenue projects in design and planning stages.
	Hazardous Waste/Materials/EPCRA	PL	Hazardous waste fees paid
	Drinking Water	PL	Upcoming test for lead at childcare and for Perfluorochemical (PFC) in wells.
	Solid Waste	PL	17 th Street Post closure plan revisions sent to GA EPD, awaiting updated D/O plans or inert landfills
	SPCC/POL Storage Tanks	PL	Facility Response Plan (FRP) to be staffed for signature after Change of Command.
Program Management	Sustainability	EO, PC	Sustainability EMS. Hazardous Waste Management Plan and Noise Management Plan have been updated and re-declaration of conformance being prepared.
	Training & Outreach	PL, AR	Newsletter, Facebook, Training Schedule & Environmental Guidance Documents linked to DPW Environmental Web Page.
	EPAAS/EMS <i>(Corrective Actions)</i>	EO, AR	EPAAS/EMS corrective action status is submitted to AEC quarterly. It will no longer be submitted through Army Environmental Reporting Online. EPAAS/EMS database closes 16 May 2016. Corrective actions will now be submitted to AEC through the HOAES database.
	Budget and Contracting	PL, AR	FY16 SCA's and action in progress and being sent to contracting agencies.

PL – Public Law

PC – Public Commitment

EO – Executive Order

AR – Army Regulation

Where Tradition Meets the Future

Fort Gordon Command Analysis Environmental Program Overview

Natural Resources Branch

3rd QTR FY 16

Program Areas (NR Branch)	Program Components	Driver	Status
Natural Resources	Conservation Ecology	PL, AR	Preparing approximately 400 acres to plant longleaf and wiregrass this winter.
	Endangered Species	PL, AR	RCW 27 active clusters, 18 PBG, 26 RCW nestlings banded as of 7/08/2016. 7 of 10 translocated birds of 2015 observed in 2016. Informal Section 7, unauthorized work in cluster during breeding season, not likely to adversely effect, USFWS concurred.
	NEPA	PL, AR, PC	Gate 6 EA –final draft in review at GADOT, ready for public comment. Signal School Demo SEA – Contract awarded, kickoff meeting held, estimated completion date March 2017.
	Cultural Resource Management	PL	MOA for Signal School demolition mitigation at SHPO for concurrence MOA for Rail Road Bridge removal and mitigation at Columbia Co. for comment, and waiting for Real Property approval to donate to Columbia County.
	Forestry Sales	AR	Harvest in TA 14 ongoing. Harvest in TA 23 Drop Zone expansion underway. Timber in TA 31 ongoing. TA 45 timber being marked for sale
	Prescribed Fire Plan Execution	AR	26,893 acres scheduled for prescribed burning in FY16; 13,741 acres complete.
	Wildfire Response	AR	FY16 Wildfires – 5; 6 acres.

PL – Public Law

PC – Public Commitment

EO – Executive Order

AR – Army Regulation

- ***FY16 Sustainability and Environmental Management System (SEMS) Objectives and Targets Briefing Schedule***



SEMS Objectives and Targets FY16 Briefing Schedule



U.S. ARMY

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SEMS MANAGEMENT REVIEW

- 8; P2 & GREEN PROCUREMENT
- 10; SEMS MONITORING AND MEASURING

NATURAL AND CULTURAL RESOURCES

- 1; ENDANGERED SPECIES
- 3; SUSTAINABLE RANGES
- 8 P2 & GREEN PROCUREMENT
- 9; COMMUNITY RELATIONS
- 10; SEMS MONITORING AND MEASURING

4TH
QUARTER

1ST
QUARTER

We are here →

3RD
QUARTER

2ND
QUARTER

ENVIRONMENTAL COMPLIANCE

- 2; HAZARDOUS WASTE REDUCTION
- 8; P2 & GREEN PROCUREMENT
- 10; SEMS MONITORING AND MEASURING

ENERGY CONSERVATION

- 4; ENERGY CONSERVATION
- 5; FOSSIL FUEL REDUCTION
- 6; WATER CONSERVATION
- 7; SUSTAINABLE DESIGN
- 8; P2 & GREEN PROCUREMENT
- 10; SEMS MONITORING AND MEASURING

Targets 2-1, 2-2, 2-3

(Storm Water Discharge, Hazardous and Solid Waste Reduction)

DPW Environmental

Target 2-1 Progress Report

Objective #2: Environmental Compliance	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
<p>Target 2-1: Incorporate Green Infrastructure/Low Impact Development (GI/LID) measures on project sites to manage the increase in runoff between pre-and post-development conditions to the maximum extent technically feasible.</p>	<p>% of projects</p>	<p>Annual</p>	<p>100% of projects deemed technically feasible/Yearly ----- Ongoing</p>	<p>GI/LID structures in place: Bioretention implemented at two locations under construction:</p> <ul style="list-style-type: none"> • PX Renovation • AIT Phase II <p>Planning: EAMC Stormwater Line and Lane Avenue Stormwater Line</p>
<p>Action 1: All projects are reviewed for GI/LID practices to help improve water quality, velocity, and flow in the storm water system.</p>	<p>% of plans reviewed for stormwater compliance including LID</p>	<p>Annual</p>	<p>100%/Yearly ----- Ongoing</p>	<p>100% of projects reviewed and Formal documentation presented annually in the IMCOM OPORDER for LID</p>
<p>Action 2: Complete annual inspections on GI/LID structures.</p>	<p>Percent of GI/LID structures inspected</p>	<p>Annual</p>	<p>100%/Yearly</p>	<p>All structures inspected annually</p>

REFERENCES:

- Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009
- Section 438 of the Energy Independence and Security Act of 2007

Target 2-2 Progress Report

Objective #2: Environmental Compliance	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
Target 2-2: Reduce the amount of hazardous waste generated by 2% per year beginning in 2007 through 2017.	% Reduction in tons/year	Annual	Tons disposed ----- 2017	44% decrease through CY 2014 ----- Avg. of 5% increase CY 2013-2014 Goal Surpassed. Fort Gordon has plateaued around 25,000 pounds of Haz Waste per year.
Action 1: Implement EESOH-MIS to track hazardous waste disposal.		Ongoing		
Action 2: Maintain free re-issue program at the HMCP.		Ongoing		

REFERENCES:

- Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009
- Executive Order 13423 - Strengthening Federal Environmental, Energy, and Transportation Management, 26 January 2007
- 40 CFR, Chapter I, Subchapter I – Solid Wastes
- Army Directive 2014-12, Net Zero Installations Policy, 28 January 2014.
- AR 200-1, Environmental Protection and Enhancement, 13 December 2007

Target 2-3 Progress Report

Objective #2: Environmental Compliance	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
<p>Target 2-3: Divert 50% of non-hazardous solid waste from disposal by the end of FY 2015. Metrics Goals:</p> <ul style="list-style-type: none"> ➤ Divert 50% C&D Waste ➤ Divert 50% MSW 	<p>Diversion Rate (%)</p>	<p>Annual</p>	<p>50% C&D 50% MSW ----- 30 SEP 15</p>	<p>Total Diversion Rate: 67.9%</p> <ul style="list-style-type: none"> ➤ C&D Diversion: 82.3%* ➤ MSW Diversion: 26.2%
<p>Action 1: Increase capture of diversion data.</p>	<p>Increase in diversion rate (%)</p>	<p>Qtrly</p>		<ul style="list-style-type: none"> • Tracking of diversion data from Corps projects, AAFES, and JOC Projects.

*Note: C&D diversion rate artificially high due to incomplete C&D disposal data.

Diversion Rate (%) = (Tons Waste Disposed + Tons Waste Diverted)/Tons Waste Diverted

REFERENCES:

- Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009
- Executive Order 13423 - Strengthening Federal Environmental, Energy, and Transportation Management, 26 January 2007
- 10 U.S.C. 2577, Disposal of Recyclable Materials.
- 40 CFR, Chapter I, Subchapter I – Solid Wastes
- Army Directive 2014-12, Net Zero Installations Policy, 28 January 2014.
- AR 200-1, Environmental Protection and Enhancement, 13 December 2007.
- AR 420-1, Army Facilities Management, 28 February 2008, Rapid Action Revision 2 dated 24 August 2012.

Targets 8-2 and 8-3

- Hazardous Materials
- Solid Waste Reduction
- Hazardous Materials Control Point
(Hazardous Materials Reduction)

DPW-ED/DFMWR



Review of Sustainability Objectives and Targets



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Target 8-2 Progress Report

Objective #8: Pollution Prevention and Green Procurement	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
Target 8-2. Reduce the quantity of toxic and hazardous chemicals and materials acquired, used, or disposed.	50% Reduction	Ann	01 Oct 16	The amount of Hazardous Chemicals on the installation is down from many years ago due to elimination of waste streams as outlined in the Pollution Prevention Plan and Hazardous Waste Management Plan (36 tons per year average to around 12 tons per year).
Action 1: LRC reviews and evaluates procurement requests for Hazardous Materials with the Government Purchase Cards.	In Progress	Mon	01 Oct 16	<ul style="list-style-type: none"> • MIL-STD Hazardous Materials stored at the HMCP reduced from 80 items to 40 items over the last several years. • GC Policy Memo #36 – Purchasing HazMat with GPC in effect
Action 2: Implement EESOH-MIS.	In Progress	Mon	30 Sep 17	Main base organizations: complete for HazMat and HW; In progress for HW at DDEAMC., HM for LRC

REFERENCES:

- Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009
- Executive Order 13423 - Strengthening Federal Environmental, Energy, and Transportation Management, 26 January 2007



Target 8-3

Solid Waste Reduction

DFMWR



Review of Sustainability Objectives and Targets

Target 8-3 Progress Report



Objective #8: Pollution Prevention and Green Procurement	Performance Indicator	Freq	Target/ Baseline ----- Date	Results Status ----- Comments
Target 8-3. Maintain cost effective waste prevention and recycling programs throughout the installation (plastic, metals, paper, and cardboard).	1. Tons of post- consumer products recycled/ year 2. Number of organizations participating in QRP	YR WK	FY 11- 834.3 T 150 locations	1. FY15 814.01 T RECYCLED 2. (lower due to no glass) 2. Currently 275 collection stops on 2 installations
Action 1: Develop policy letter requiring complete participation of all units, activities, and organization; prohibiting individual unit recycling.	% Complete (currently being rewritten)			
Action 2: Increase the percentage of number 1 and 2 plastics recycled.	Ft Gordon QRP *Does not include AAFES All material Processed	YR	26,000 lbs	26,000 lb. FY12 38,000 lbs. FY13 22,871 lbs .FY 14 26,180 lbs. FY15 38,728 lbs. FY16
Action 3: Require all recycling totals be reported to the QRP Manager.	Outside responses.			Hospital-No information No on use shredding for them PHI/HIPPA AAFES- No Deca-No
Action 4: Amend GC Policy #89 – Recycling to include requirement for entities that do not use the QRP to report weight totals to the QRP Manager.	With Mr. Ramey			In Process
Action 5: Sponsor Fort Gordon Unit Recycling Challenge 1 April – 30 June 2015.	Increase # of Units and pounds recycled	QTR	1 st Qtr 5 units 651 lbs- plastic/aluminum cans	FY16 1 st QTR- 16 units with 18,095 lbs
Action 6: Enter MOA with Balfour Beatty to provide 18-gal. recycling bins at post housing with weekly pickup by Recycling Center.	MOA not signed by BBC		All housing areas Except Gordon Terrace	4 housing areas with 573 households

Target 8-3 Progress Report

RECYCLING CENTER STATISTICS

FY	OCC		Paper		Metal		Plastic	
	TON	\$	TON	\$	TON	\$	TON	\$
2010	272		119.4		221.3		0	
2011	425.3		162.82		221.39		15	
2012	534.72		94.63		316.03		18.3	
2013	510.94		100.2		473.01		19.04	
2014	289.99		86.86		328.95		9.74	
2015	451.56	\$36,477.41	87.06	\$20,203.65	152.34	\$33,704.57	13.09	\$2,042.04
2016	373.2	\$30,499.43	97.9	\$13,321.47	227.5	\$22,439.56	0	0

Target 8-3 Progress Report

RECYCLING CENTER STATISTICS

FY	Toner		Brass		Pallets		OTHER \$	TOTAL \$
	TON	\$	TON	\$	Tons	\$		
2010	0		8	\$30,420.90	Na		\$75,831.77	\$106,252.67
2011	0		9.83	\$46,376.36	Na		\$153,777.66	\$200,154.02
2012	1.55		19.53	\$85,506.32	Na		\$202,712.53	\$288,218.85
2013	5.4		17.51	\$59,001.05	Na		\$242,836.11	\$301,837.16
2014	4.5		18.42	\$24,654.93	Na		\$156,418.92	\$181,690.30
2015	4.28	\$2,664.65	9.20	\$31,110.56	78.78	\$1,804.00	\$10,413.78	\$138,420.66
2016	4.7	\$4,052.40	15.4	\$42,055.46	31.2	\$646.00	\$747.46	\$113,761.78

Recycle Oversight Committee

Quarter Recycle Challenge Winners





Recycle Oversight Committee



Announcements

- Diversion Rate Mandated 50%
 - Currently 31%
- Completing FAQ Worksheet with Regulations
- All recycling has to be completed within the QRP. No outside or unit recycle points allowed.
- Accepting Glass-Currently at Recycle Facility and Housing
 - Soon at Kilbourne Circle

Construction/Paving





FORT GORDON

Recycle Oversight Committee

Earth Faire

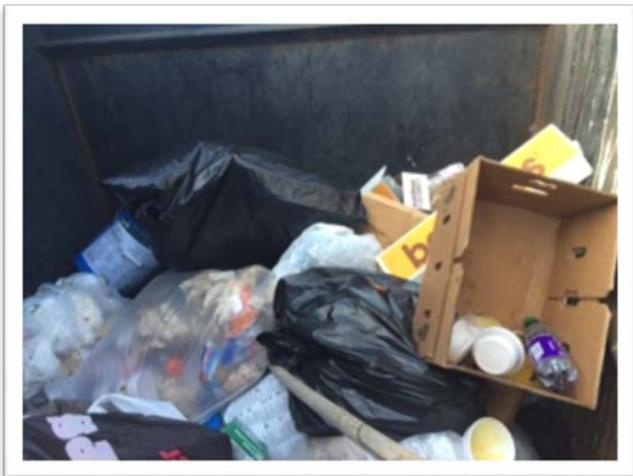


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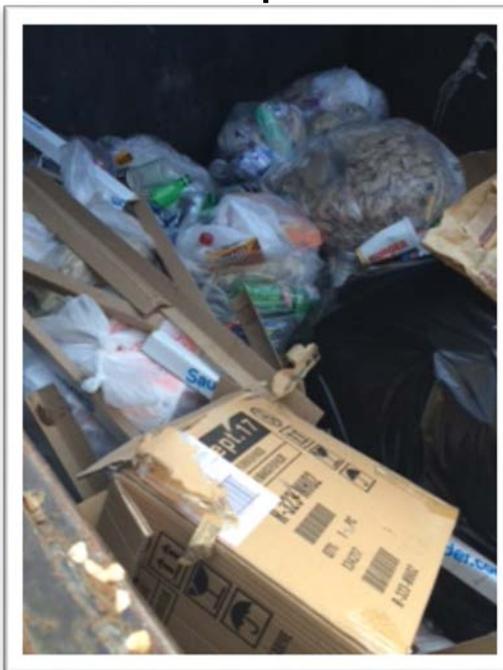


Pictures Provided by DFMWR Photographer

Non-Compliance



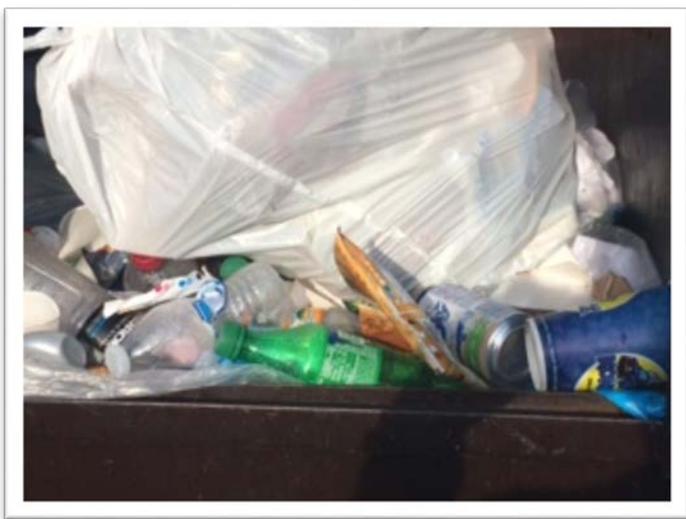
Allen Hall



Cobb Hall



Dixon Hall



Burkhardt Hall



Targets 10-1 and 10-2

EPAAS Update and SEMS Conformance

Target 10-1 Progress Report

Objective #10: Monitoring and Measuring	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
Target 10-1: EPAAS quarterly update.	% of findings closed	Qrtly	100% ----- Ongoing	number of findings closed -----
Action 1: ICAP Progress	% complete	Qrtly	2010 ----- Ongoing	% of corrective actions completed. Provide quarterly status updates to IMCOM and EQCC. -----
Action 2: Internal Annual Environmental Performance Assessment (AEPA)	% of deficiencies	Annual	Minimize # of deficiencies	Next AEPA is 8-12 Aug 2016. Follow-up on corrective actions through periodic inspections and documentation. Track corrective action status through ICAP.
Action 3: External Environmental Performance Assistance & Assessment (EPAAS)	% of deficiencies	Every 3 years	Minimize # of deficiencies	Follow-up on corrective actions through periodic inspections and documentation. Track corrective action status through ICAP.

REFERENCES:

- AR 200-1, Environmental Protection and Enhancement, 13 December 2007.
- Executive Order 13514 - Federal Leadership in Environmental, Energy, and Economic Performance, 8 October 2009



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ENVIRONMENTAL PERFORMANCE ASSISTANCE & ASSESSMENT SYSTEM QUARTERLY REPORT

Installation Corrective Action Plan Update

Target 10-1

DPW, Environmental Division

Compliance Findings Definitions

- **Class I:** Noncompliance with existing Federal, State, or local regulation (effective within next 6 months); Executive Order (EO) noncompliance with future regulatory requirement (effective within next 6 months); or noncompliance with EO directed at installation.
- **Class II:** Noncompliance with future regulatory requirement (effective in 6 months to 2 years).
- **Class III:** Noncompliance with Army/DOD regulation, SOP, or guidance; inconsistent with good management practice; or noncompliance with EO directed at the Army.
- **Positive:** Above and beyond regulatory requirements, transferrable, of measured benefit, and not previously awarded.

Environmental Management System Findings Definitions

- **Conformance:** Management system conforms to ISO 14001 standard
- **Major Nonconformance:** EMS is missing element of standard or has systemic problem.
- **Minor Nonconformance:** EMS conforms with minor exception.
- **Observation:** Optional Comment. Used to provide information to enhance or improve EMS.



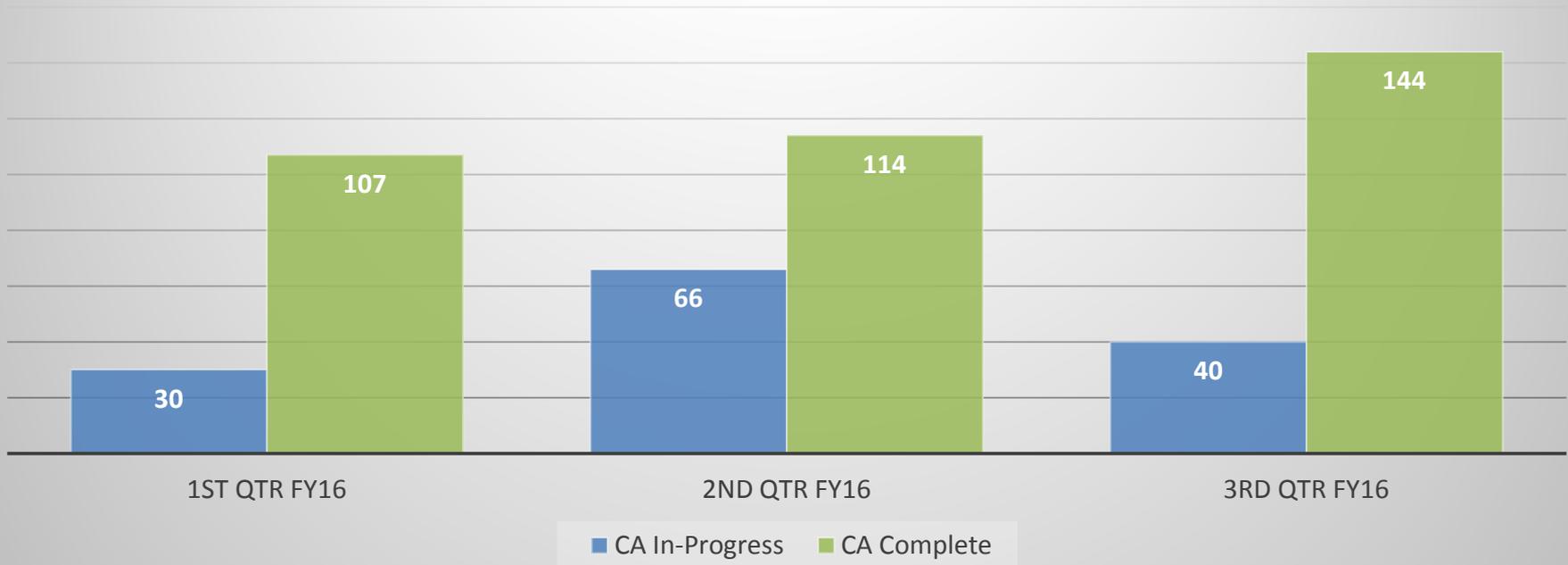
FY16 3rd QTR ICAP Finding Summary



Compliance Area	Open Findings	Location	Finding Summary	Corrective Actions
Air Emissions	4 – Class I	Fort Gordon - Power Plants, Akima Global	Fuel gauge on bldg 310 generator not working for last 2 years. Did not meet recordkeeping requirement. For Title V and ODC. Method 9 testing was not performed on all boilers.	DDEAMC project in process to replace the Bldg. 310 generator (4283 submitted) ; Maintain records for 5 yrs; Establish system for ODC records to be submitted to ED; Perform Method 9 test as required.
Environmental Management System	1- Class I 4 – Class III	Fort Gordon/ Gillem Enclave	No effective way of monitoring operational controls, reference AE and HW findings. Function specific not completed by assigned personnel	Actions to close EMS findings in process; Re-declaration of conformance allowed once AEC validates corrective actions have been implemented
Hazardous Materials/Hazardous Waste	3 – Class I 2 – Class III	Fort Gordon/ Gillem Enclave	HW Plan not developed for the Motorpool. HW training needed at Gillem Enclave. Did not meet permit inspection requirement for the TSDF.	Develop HW Management Plan. Conduct weekly inspections.
Storage Tanks/Petroleum Oils and Lubricants (POL)	9 – Class I 3 – Class III	Fort Gordon	Bldg. 310 Heating Oil UST has inadequate containment; No confirmation or records that some USTs have been removed Tank integrity testing not conducted on a regular schedule; Used Cooking oil tank has no secondary containment. SPCC Training needed at Gillem Enclave	Bldg. 310 UST included in regular inspection/monitoring; A 4283 has been submitted requesting survey of unknown tank sites; a phased plan for tank removals has been prepared and submitted to DPW and Real Property. Schedule developed for required tank testing; Removal of used cooking oil tanks requires BASOPs contract mod; Coordinating for SPCC Training at Gillem Enclave
Solid Waste	1 – Class I 3 – Class III	Fort Gordon/ Gillem Enclave	No quarterly reports submitted to the state for Gibson Road and Carter road inert landfills. The Integrated Solid Waste Management Plan (ISWMP) is out of date.	Submit reports in accordance with GA solid waste requirements. Update ISWMP with current SW management practices.
Water Quality/ Waste Water	4 – Class I/ 6 Class 1	Fort Gordon/ Gillem Enclave	Failure to meet MS4 permit requirements. Open Notice of Violation. Current pH monitoring system does not provided pretreatment to neutralize waste streams with levels below 5.0 or 12.5.	Perform Best Management Practices (BMPs) and properly maintain Stormwater outfalls to meet permit requirements. Gillem- Properly pretreat waste streams.

Installation Corrective Action Plan (ICAP)

Findings & Corrective Action Status (5 Year running total)



- ❖ 4 EPAAS findings added to FY16 3rd QTR as a result of a ICAP audit.
- ❖ 43 EPAAS Findings added FY16 2nd QTR.
- ❖ Beginning 1st QTR FY16, all findings closed (corrective actions complete) from FY05-FY11 dropped from graph.



SEMS CONFORMANCE

Target 10-2

DPW, Environmental Division

Target 10-2 Progress Report

Objective #10: Monitoring and Measuring	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
Target 10-2: Maintain SEMS Conformance	% Conformance with ISO 14001	Annual	100% Conformant ----- Ongoing	
Action 1: Maintain document control and operational controls.		Monthly	Ongoing	Mechanism in place to document and track incoming and outgoing actions (NOIs, NOVIs, Action summary).
Action 2: Monitor status of objectives and targets.		Qrtly	Ongoing	Presented to EQCC Quarterly.
Action 3: Conduct installation-wide Environmental Performance Assessment.		Annual		8-12 August 2016.
Action 4: Review installation environmental aspects and impacts.		Annual	Complete	Present to Cross-Functional Team (CFT) at 4th QTR 2016.

Target 10-2 Progress Report - continued

Objective #10: Monitoring and Measuring	Performance Indicator	Freq	Target/Baseline ----- Date	Results Status ----- Comments
Action 5: Hold Quarterly CFT Meetings.		Qrtly	Ongoing	4 th QTR meeting scheduled for 4 Aug 2016.
Action 6: Training & Awareness		Monthly	Ongoing	Training classes are provided for civilian and military personnel to meet State, Federal, Army and local regulatory requirements. Outreach Activities are a part of our awareness program that serves Fort Gordon and the surrounding communities.
Action 7: Conduct Management Review of SEMS.		Annual		Scheduled for 4 th Quarter EQCC Meeting.

Sustainable Actions

CY16 Training and Awareness



2016 TRAINING ACTIVITIES & SUSTAINABLE ACTIONS

	ACTIONS PLANNED	ACTIONS COMPLETED	NO. OF PARTICIPANTS	TRAINING CLASS/ACTIVITY
	2	0	0	Environmental Officer Course
	5	2	16	Hazardous Materials/ Waste Management
	11	4	46	Hazardous Waste Management Refresher
	6	3	76	SPCCP (Spill Training)
	4	1	15	Industrial Stormwater Training
	12	4	228	ACM & LBP Awareness Training at Self-Help
	4	2	93	Pre-Command/General Environmental Awareness course
	4 (FY)	2	24	Cross-Functional Team Meetings
	4 (FY)	2	1 ST Qtr. – 4 (Deskside with GC) 2 nd Qtr. -22	Environmental Quality Control Committee
	20	4	980	Environmental Division Outreach Activities
TOTAL	52	24	2,002	



Environmental Topics, Updates & Special Reports

DPW-Environmental

Future Actions

- Georgia EPD Announced at Tier II meeting of a plan to bring all clean up efforts to the same standard to include UST's, RCRA C, and other programs. Fort Gordon needs to proceed with UST removal for inactive and active single walled systems, prior to this going into effect. It is being placed into FY 17 AWP.
- Radon Plan for compliance with IG Audit, EPAS Findings, and Federal Radon Plan initiative.
- Future lead sampling of potable water at 1 child care facility follow up from 2013 sampling effort, will be conducted late summer.
- Revise Goals for Compliance to align with program guidance documents (Plans are updated and Permits re-issued/modified)



Summary of Guidance and Directives

Next Meeting will be:

FY16 4th QTR EQCC Meeting

7 SEPTEMBER 2016; 1300 HOURS

GC Conference Room, Darling Hall



Closing

COL Turner



FORT GORDON



INSTALLATION MANAGEMENT COMMAND



FORT GORDON

SUSTAIN, SUPPORT, DEFEND