

LANL Environmental Management System

Management Review and the EMS Structure



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October 30-31, 2019



Managed by Triad National Security, LLC for the U.S. Department of Energy's NNSA

Agenda

October 30-31, 2019

Federal Environmental
Symposium



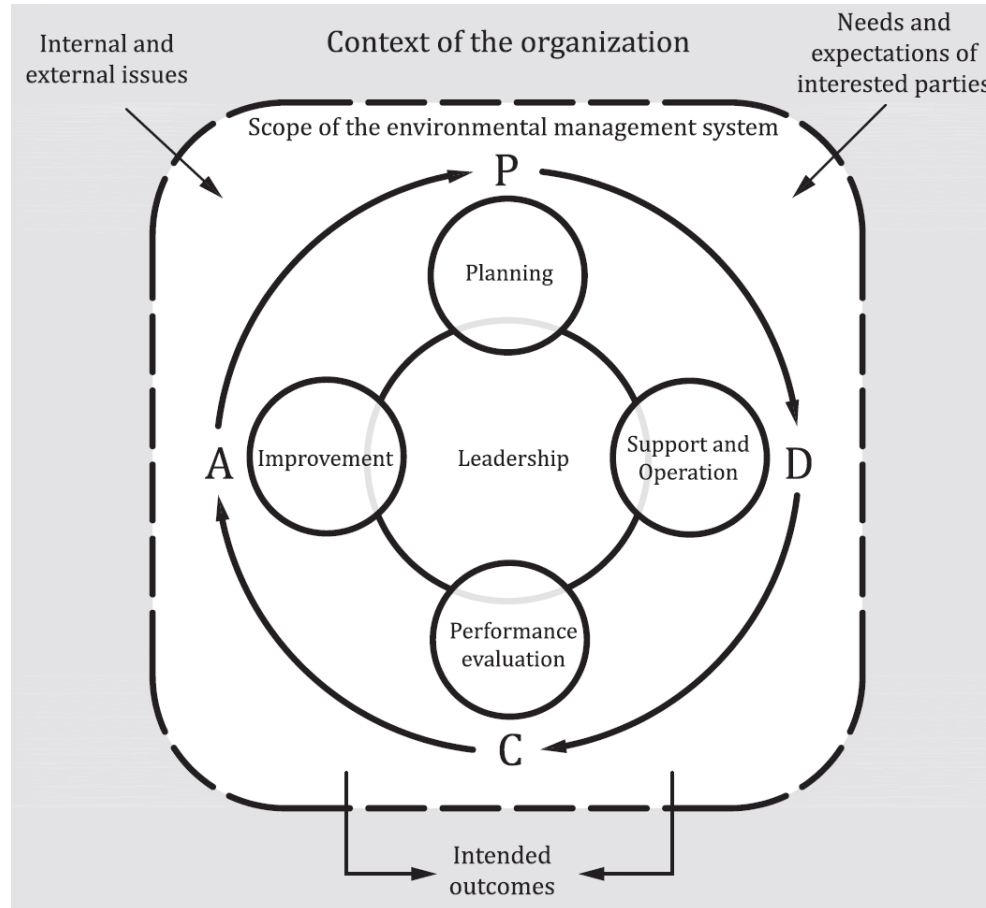
- **Introduction**
 - LANL and its context
- **Management Review**
 - Leadership
 - LANL Organization
 - Process – Materials, Metrics, Actions
- **LANL EMS Structure**
 - Organization
 - EMS Points of Contact
- **Key Take Aways**

LANL and its context

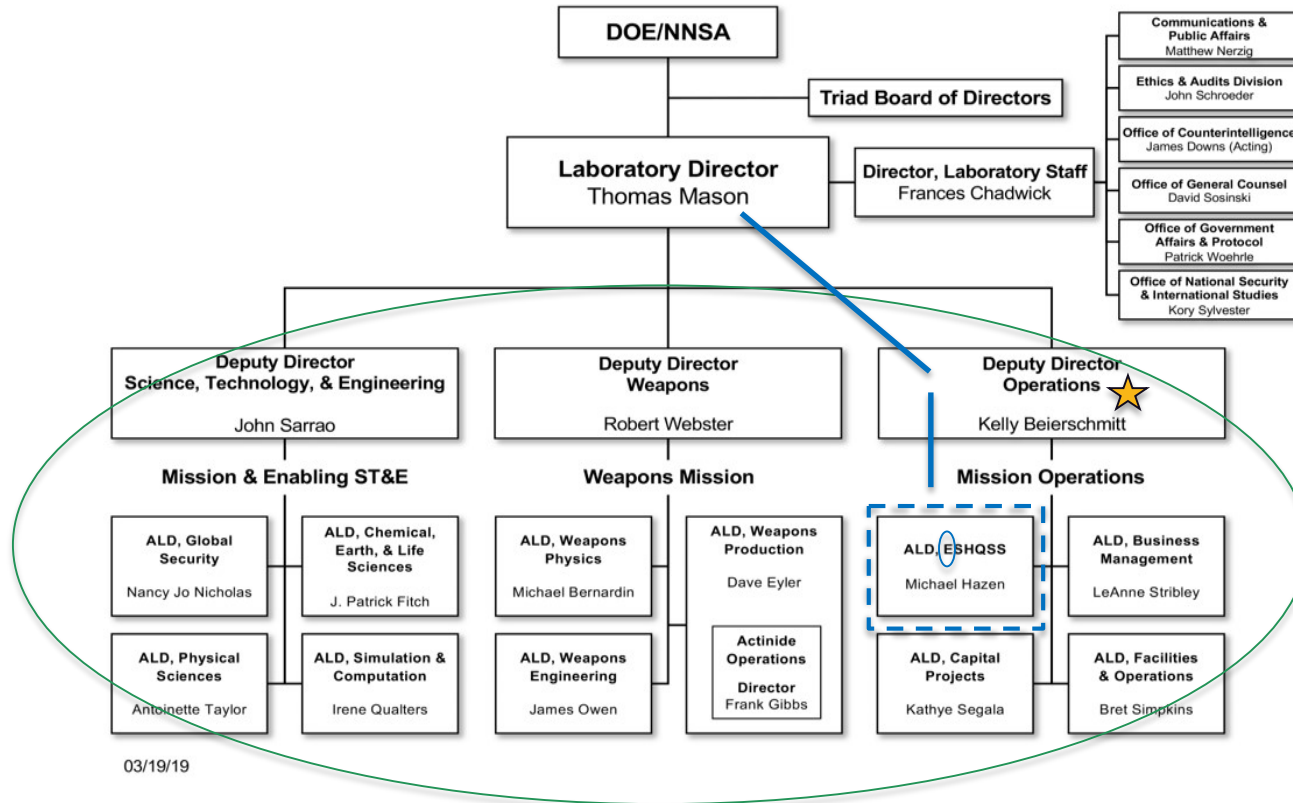


- Located in Los Alamos, New Mexico
- Approximately 36 square miles of DOE-owned property
- ~12,500 employees and contractors
- More than 1000 facilities across 47 Technical Areas
- Weapons programs – 65% of budget
- Neighbors: Bandelier National Monument, Los Alamos and Santa Fe Counties, Pueblo de San Ildefonso, and Santa Fe National Forest

ISO 14001:2015 Leadership



LANL Organization and the Environmental Senior Management Steering Committee



Attendance

In addition to senior management, invitees include:

- General Counsel
- N3B
- DOE



Invitees				
STEERING COMMITTEE	ROLE	ORGANIZATION	PHONE	EMAIL
	Environmental Senior Management Steering Committee Chair & Deputy Director of Operations	Operations		
	Executive Officer	Operations		
	Project-Program Director	Operations		
	Deputy Director	Science Technology & Operations		
	Deputy Director	Weapons		
	Associate Laboratory Director and EMS Management Representative	ALDESHQSS		
	Associate Laboratory Director	Business Management		
	Associate Laboratory Director	Capital Projects		
	Associate Laboratory Director	Facilities & Operations		
	Planning Manager	Infrastructure Program Office		
	Senior Director	Mission Assurance and Prime Contract Office		
	General Counsel	Office of General Counsel		
STAFF	ROLE	ORGANIZATION	PHONE	EMAIL
	Division Leader	Environmental Protection & Compliance Division		
	Deputy Division Leader	Environmental Protection & Compliance Division		
	Group Leader	Environmental Stewardship		
	Team Leader	Environmental Stewardship		
	EMS Program	Environmental Stewardship		
	EMS Program	Environmental Stewardship		
	Policy Office	Contractor Assurance Office		
INVITED GUESTS	ROLE	ORGANIZATION	PHONE	EMAIL
	Group Leader	Environmental Compliance Programs		
	Communications	Communications Office		
	Group Leader	Waste Management		

Environmental Senior Management Steering Committee Process (Management Review)

- Three meetings a year
- Authorized Meeting Agenda
- Management Review Binders

Meeting Location:	TBD	Meeting Time:	1:00 p.m. – 3:00 p.m.
Agenda			
Item	Name	Duratio	
1) Kick off, introductions, approval of notes from previous meeting and agenda review*	Chair	5 min.	
2) Legal Issues and Status	General Counsel, Environmental Division Leader	20 min	
3) Environmental Metrics*	Division Leader	15 min	
4) Pit production environmental items	Deputy Division Leader	20 min	
5) Integration Support – Site planning, Integrated Review Tool	Program Management	40 min	
6) Read-Ahead Q&A: <ul style="list-style-type: none"> a) Directorate EMS Program Implementation* b) ISO 14001 External/Internal Audits and Assessments* c) Communications** From External Parties* (since previous meeting) d) Action Item Resolution (since previous meeting) e) Policy Update 	All	10 min	
7) Announcements	All	5 min.	
8) Close	All	5 min.	

*Items directly supporting ISO 14001:2015 certification

ESMSC Binders/Read-aheads

- Binder contents
 - Previous ESMSC Meeting Notes
 - Presentations per the agenda
 - Environmental Metrics
 - Directorate EMS Status (EMS Core Team meetings, EMS Directorate Reviews, Environmental Action Plans)
 - Audits and Assessments – Internal, External, Regulatory, Corrective Actions Status
 - Environmental Communications & Outreach
 - Action Resolution from previous ESMSC meetings
 - Business – Issues, Discussion, Decision Making
 - Presentations from various programs
 - Environmental Deliverables – Permits, Regulatory Reports (e.g NMED, SWEIS, etc.)

Environmental Metrics Examples

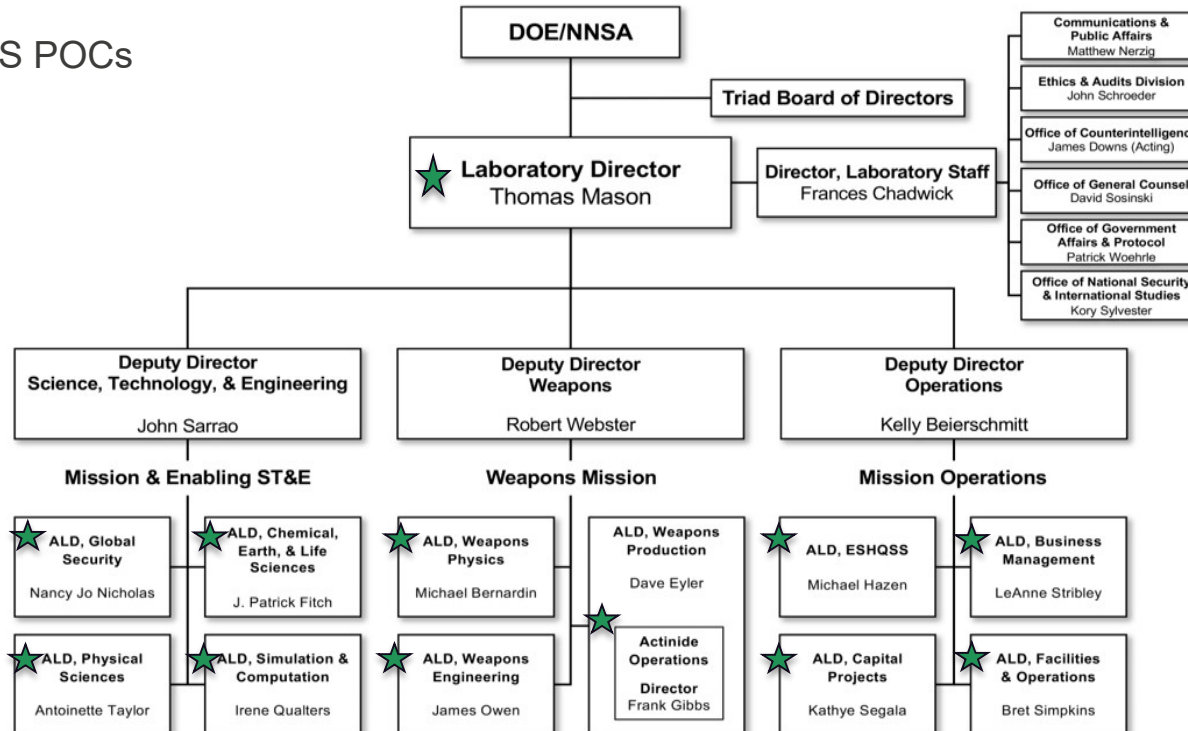
- Environmental Permit Status
- Regulatory Deliverables
- Permit Compliance (Title V, RCRA, etc.)
- Environmental Incidents (various aspects; e.g. interaction with soil resources)
- Projects Under Environmental Review (IRT)
- Inspections – results
- Corrective Actions – environmental
- Archaeological Site assessments (cultural/historical resource disturbance)
- NEPA Reviews
- P2 Projects (resource use and conservation)
- Environmental Action Plans - status

Decisions and Actions

- Examples
 - FY Institutional Objectives and Targets – confirm, tracking and reporting methods
 - Provide updates on potential RCRA permit changes
 - Identify opportunities to access environmental talent from local community
 - Narrow metrics data to isolate risks and opportunities
 - Revisions of institutional documentation

LANL Organization and EMS Structure

★ EMS POCs



03/19/19

EMS Points of Contact

- Directorate Charter – Signed by ALD
- EMS POC Appointment – Signed by ALD

- Responsibilities of the EMS POC
 - Convene teams or working groups
 - Perform and assist in performing environmental risk analyses
 - Publish and monitor environmental action plans
 - Coordinate an annual directorate management review
 - Participate in internal and external assessments and audits
 - Attend EMS Core Team meetings
 - Communicate and support environmental program expectations

Key Take Aways

- Management Review (ESMSC)
 - Top level management
 - Owns the agenda and runs the meeting
 - Institutional level discussion focused solely on the environment
 - Interested parties invited and involved - transparency
 - ISO 14001:2015 management review requirements met
- EMS Structure
 - Appointed EMS POCs for Directorates and Directors Office
 - EMS POCs ownership and accountability

Questions?
