



Section B:2

Analytical Services (222-S, HASP, WSCF)

PROJECT MANAGERS

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SUMMARY

The Analytical Services (AS) Project [222-S, Hanford Analytical Services Program (HASP), Waste Sampling and Characterization Facility (WSCF)] consists of Analytical Services, PBS WM06, WBS 1.2.4.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of May 31, 2001. Other data is updated as noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, DOE-RL) shows no milestones are due.

NOTABLE ACCOMPLISHMENTS

The analytical laboratories are performing key support to site cleanup milestones. Year to date, the laboratories have completed 9 of 12 high level waste tank grab samples and 6 of 6 high level waste tank vapor samples. Additionally, the laboratories are 90 percent complete on the first of two scheduled high level waste tank core sample reports required to meet CHG performance incentives.

The final reports for Tank 241-AN-102 (OH) Grab and the Tank 241-AP-107 Evaporator Grab were transmitted from the 222-S "Labcore" system to the Tank Characterization Database. This data was successfully loaded, verified and upleveled within the seven-day limit established by Tri Party Agreement (TPA) data access and delivery requirements (section 9.6.3). Analytical Services delivered the final analytical report for the 276S Hexone Tank to the Environmental Restoration Contractor (ERC).

The transfer of 3440 gallons of waste from 219-S to Tank Farms was completed. This was a team effort encompassing every group in the laboratory as well as multiple groups at CHG. The transfer was required to avoid impacts to analytical operations at the 222-S laboratory, due to potential limitations with staging future liquid waste.

The Waste Sampling and Characterization Facility (WSCF) performed 10,900 analyses through May 2001 for a wide variety of customers. Production through June 18, 2001 was 11,300 analyses. WSCF performed a planned ventilation outage on June 7-8, 2001 to address punchlist items remaining from Heating, Ventilation and Air Conditioning (HVAC) upgrades. Work was completed outside normal operating hours resulting in no impacts to the client base.

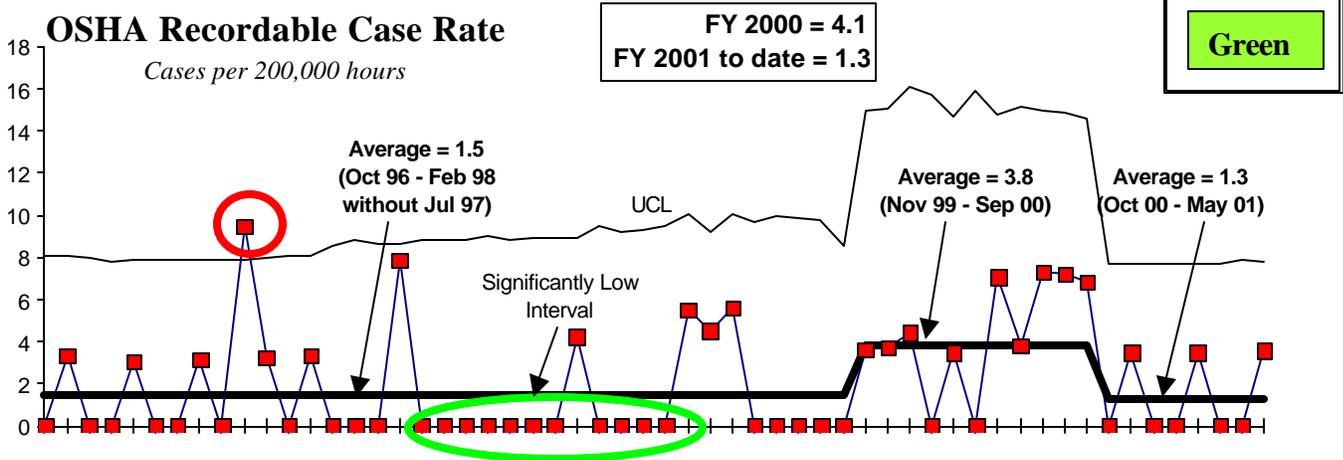
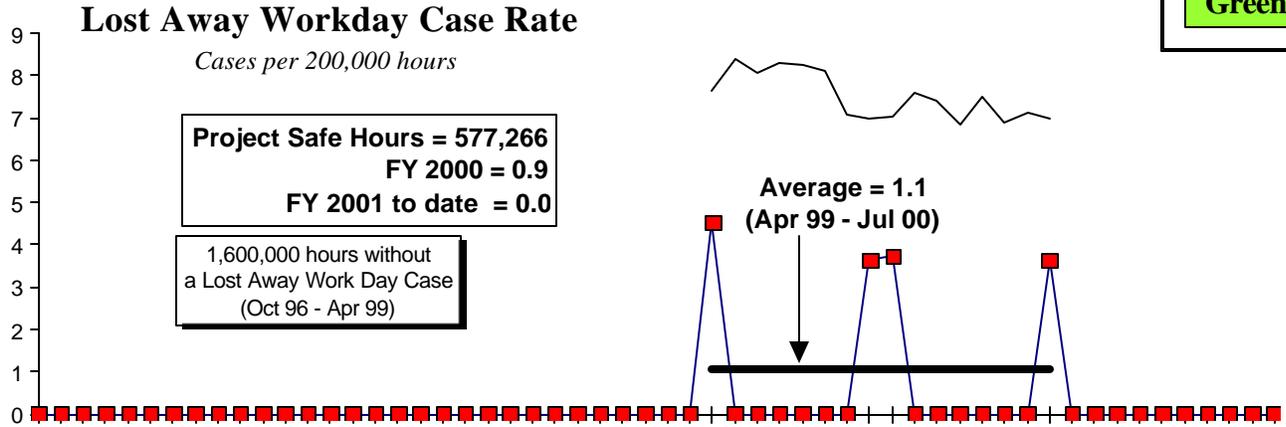
WSCF passed the most recent round of Environmental Lead Proficiency Testing (ELPAT) program with a 100 percent score on 12 samples including paint chips, soil and dust wipes. The Analytical Services Waste Isolation Pilot Plant (WIPP) Team passed the recent Carlsbad audit of the Hanford TRU Project.

A 16,000-pound forklift has been obtained from excess inventories to support laboratory operations. This will replace a rental forklift that is costing \$2,000 a month, resulting in a yearly \$24,000 cost savings.

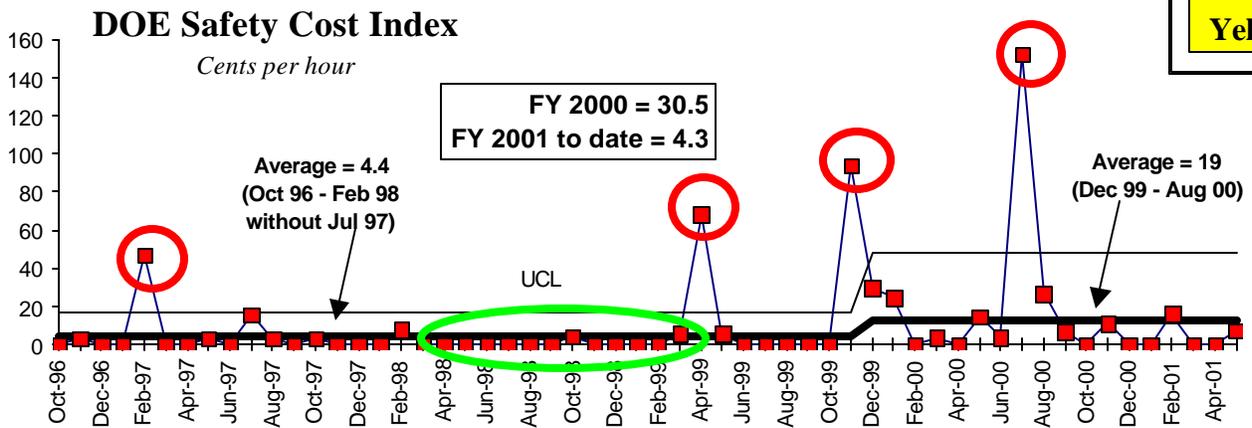
SAFETY

In May 2001, there was one Restricted Workday case and four First Aid Cases. For the past seven months, the OSHA recordable case rate has been below average, and is now rated "green". The DOE Safety Cost Index is rated "yellow", even though the FY 2001 rate of 4.3 cents per hour is lower than the FY 2000 rate of 30.5 cents per hour and the FH goal of 8 cents per hour. A "green" rating will be achieved when additional safe operations are demonstrated which establishes a positive statistical trend.

Green



Yellow

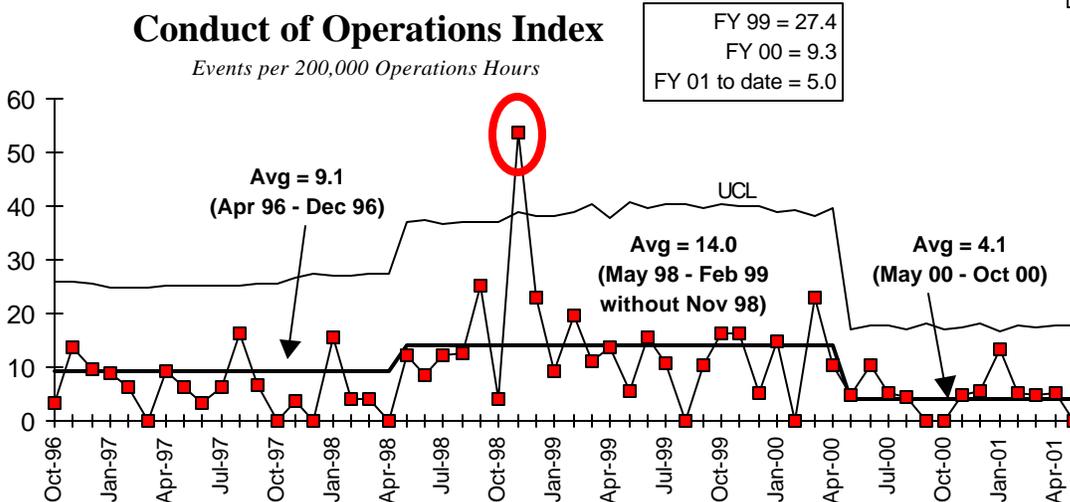


ISMS STATUS

Analytical Services ISMS status is included in the Waste Management Project Section of this report.

CONDUCT OF OPERATIONS

Green



BREAKTHROUGHS/OPPORTUNITIES FOR IMPROVEMENT

Nothing to report at this time.

UPCOMING ACTIVITIES

WIPP Waste Shipments - Continue to support the production goal of headspace analysis in support of waste shipments to Waste Isolation Pilot Plant (WIPP).

ORP Waste Treatment Plant (WTP) - Support RL and Office of River Protection (ORP) efforts to evaluate options for long-term high-activity laboratory support to the Site cleanup mission (i.e. 222-S, WTP laboratory, a new laboratory, etc.).

Ecology Inspection of Collodion Recovery Actions - Both the 222-S Laboratory and WSCF are completing their actions for the Ecology Corrective Measure. WSCF has completed their waste designations and 222-S has one undesignated waste bottle. Packing instructions will be worked on a high priority basis. Both 222-S and WSCF have identified follow-up corrective actions that will be tracked. The Corrective Measure report is due to Ecology on July 2, 2001.

222-S RCRA Part B Application - Ecology has informed RL and FH that the public comment period for Modification F to the Hanford Site RCRA Permit (which includes the 222-S Laboratory Part B) will take place from July 24, 2001 to September 10, 2001.

Voluntary Protection Program (VPP) - The Analytical Services VPP Steering Committee continues to meet. Interviews to determine the state of the Safety Program against the VPP criteria will be held July

9-11, 2001. The findings from the interviews will be used to answer the VPP Annual Assessment questions and criteria.

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
FO	0	0	0	0	0	0	0	0
RL	0	0	0	0	0	1	0	1
Total Project	0	0	0	0	0	1	0	1

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows.

Tri-Party Agreement / EA Milestones
Nothing to report at this time.
DNFSB Commitments
Nothing to report at this time.

MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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Overdue – 0

Forecast Late – 0

PERFORMANCE OBJECTIVES

Green

Laboratory Production

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FY 2001 SCHEDULE /COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Green

By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
WBS 1.2.4 Analytical		\$ 20,854	\$ 20,573	\$ 19,824	\$ (281)	-1%	\$ 749	4%	\$ 31,683	\$ 31,446
PBS WM06 Services										
Total		\$ 20,854	\$ 20,573	\$ 19,824	\$ (281)	-1%	\$ 749	4%	\$ 31,683	\$ 31,446

Note: RL-Directed costs (steam and laundry) are included.

FY TO DATE SCHEDULE / COST PERFORMANCE

There is no significant cost or schedule variance.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.3M)

Analytical Services — 1.2.4/WM06

Description and Cause: The \$0.3 million (1 percent) unfavorable schedule variance is within the established threshold.

Impact: No impact.

Corrective Action: No corrective action required.

Cost Variance Analysis: (+\$0.7M)

Analytical Services — 1.2.4/WM06

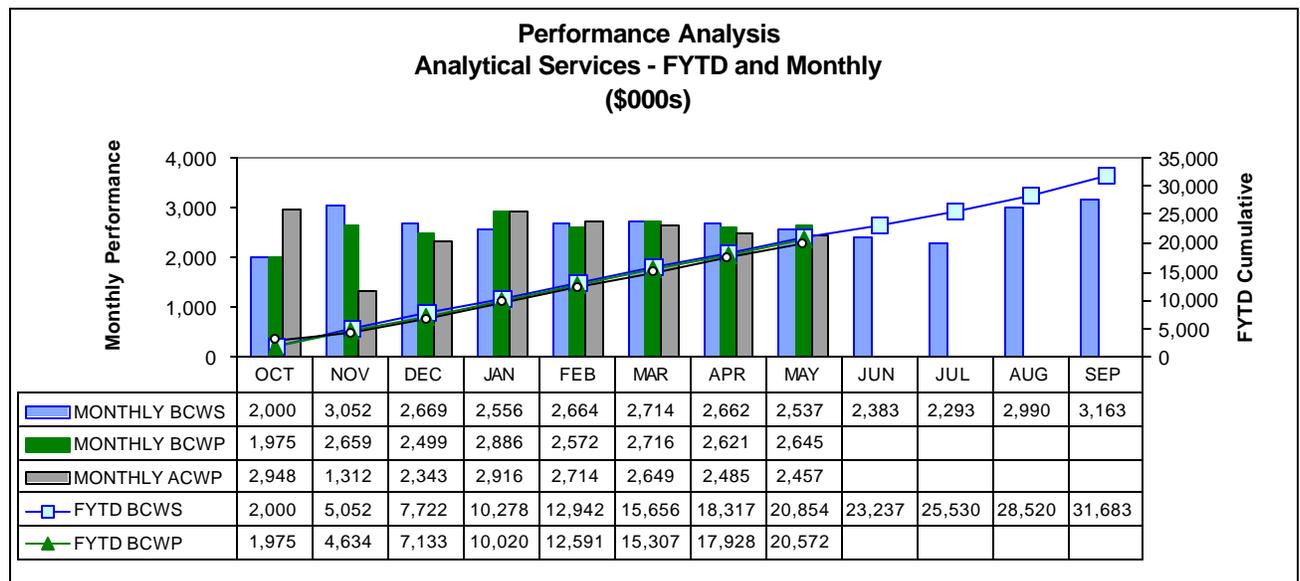
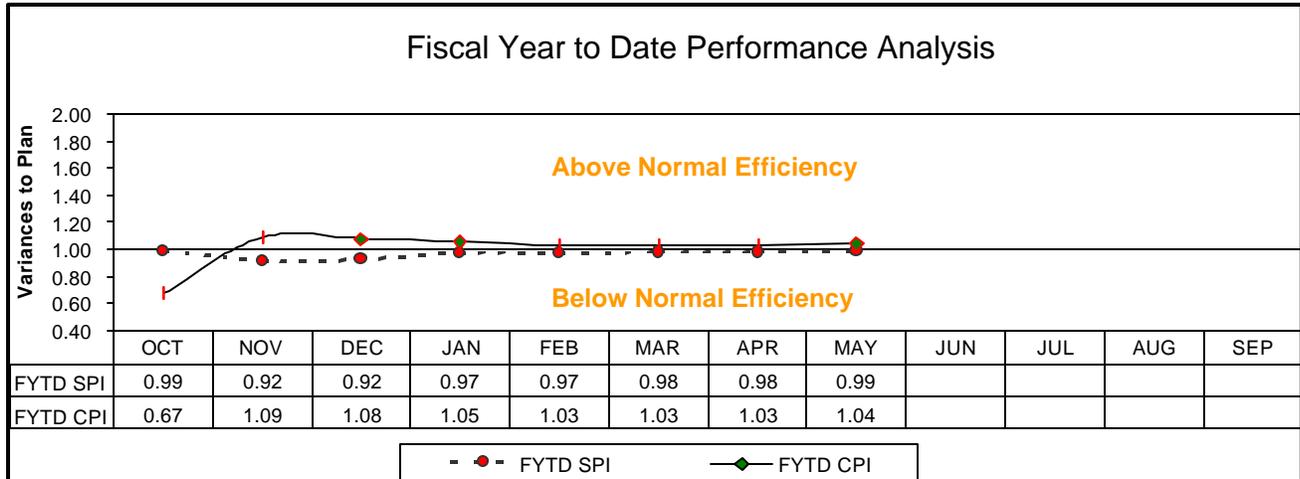
Description and Cause: The \$0.7 million (4 percent) favorable cost variance is within the established thresholds.

Impact: No impact.

Corrective Action: No corrective action required.

SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)

Green



FUNDS MANAGEMENT — FY 2001 TO DATE FUNDS VS SPENDING FORECAST (\$000)

	Project Completion *			Post 2006 *			Line Items *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
The Plateau									
1.2.4 Analytical Svcs (222-S,HASP,WSCF) WM06				\$ 30,766	\$ 30,396	\$ 370			
Line Item									
Total Analytical Serv. Operating				\$ 30,766	\$ 30,396	\$ 370			
Total Analytical Serv. Line Item									

* Control Point

ISSUES

DOE Issues

None identified at this time.

Regulatory, External, Technical Issues and DOE Requests

None identified at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	COST IMPACT \$000	S	T	C	H	DATE TO CCB	CCB APP'VD	RI APP'VD	CURRENT STATUS
WM-2001-019	03/22/01	10 CER 830 Implementation Phase 1	40				X	05/02/01	05/02/01	Approved 5/2/01	
WM-2001-022	04/19/01	\$700K RL-SMB Reduction	700				X	05/07/01	05/07/01	Approved 5/7/01	
WM-2001-025	05/02/01	Unassigned Waste Sites	3				X	05/07/01	05/07/01	Approved 6/11/01	
WM-2001-026	05/03/01	Colodian Recovery Actions	60				X	05/07/01	05/17/01	Approved 5/16/01	
ADVANCE WORK AUTHORIZATIONS											
		Nothing to report at this time.									

KEY INTEGRATION ACTIVITIES

- Continue to support DOE-RL and ORP efforts to establish required analytical support for Waste Treatment Plant (WTP) design and operation.
- Continue to support Waste Management headspace gas analyses for transuranic (TRU) waste shipment to WIPP.
- Support CHG high-level waste tank and feed to glass plant characterization.