



ANL-W “*Start of the Year*” Review

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November 29, 30, 2001

FY01 Major Accomplishments



- Prepared report entitled “ Phytoremediation 2 Year Field Season Demonstration Project” and sent to regulators on March 16, 2001
- Met with regulators on March 26, 2001 to discuss report recommendations
 - Received written concurrence on DOE recommendation in report
- Conducted the third field season of planting and harvesting activities

Phytoremediation Report Recommendations (*Recap*)



- Use of willow and kochia plants can extract target contaminants in sufficient quantities to reach remediation goals in a reasonable amount of time
- Continue Phytoremediation in these areas for 2 more field seasons (*FY01, FY02*)
- Follow second planting season with a complete and thorough verification sampling of soil

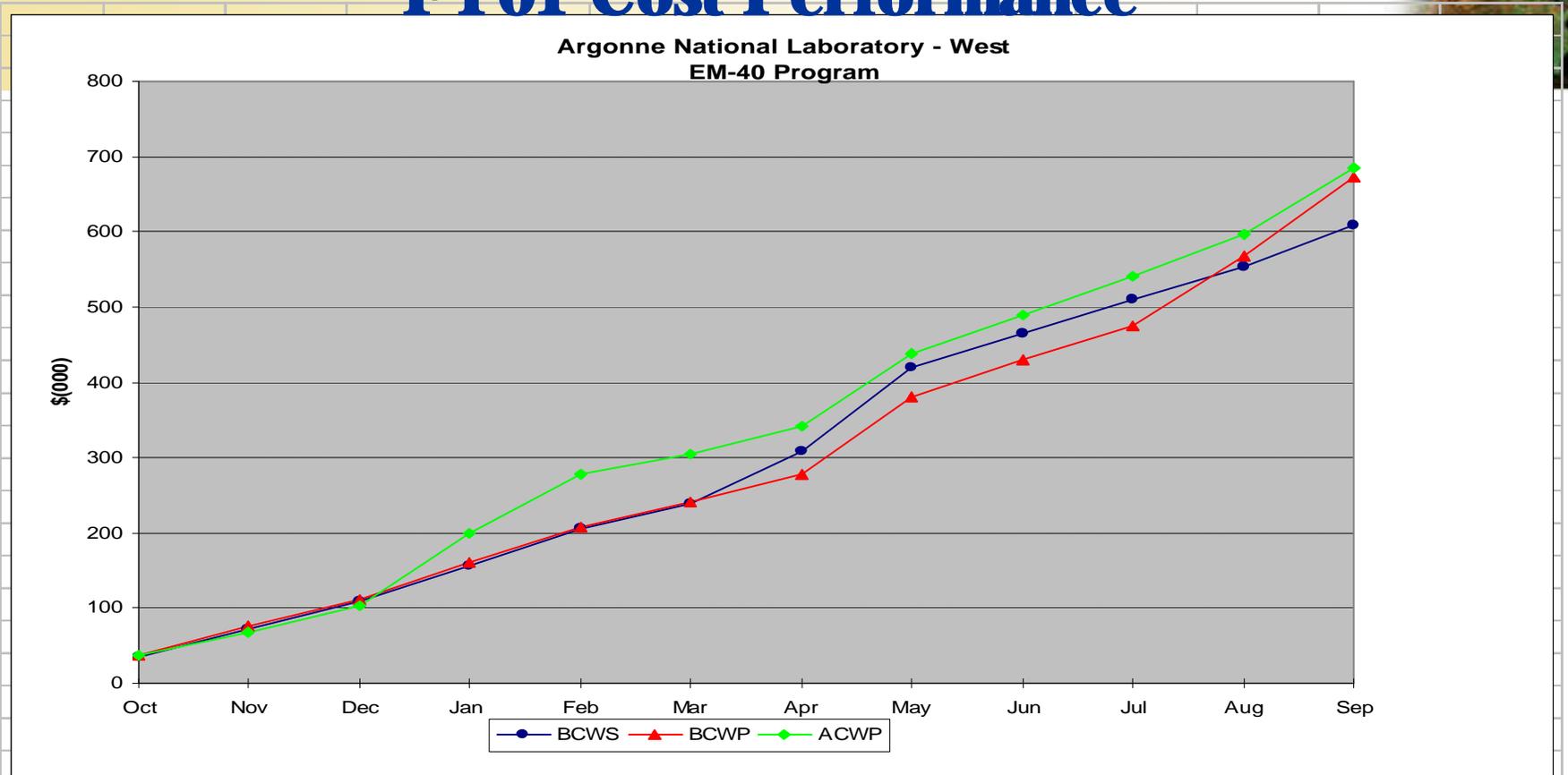
FY01 Performance Measures Milestones



Milestone Description	Plan	Actual
Submittal of Two-Year Phytoremediation report to agencies	2/28/01	*3/16/01
Submittal of FY01 field summary activities to DOE	9/28/01	9/27/01
ANL-W Mission Complete	9/28/01	9/28/01

*Report delayed due to receiving data later than planned

Argonne National Laboratory - West FY01 Cost Performance



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
BCWS	34	73	109	156	205	239	308	420	465	509	553	608
BCWP	37	76	112	160	208	240	278	380	430	476	568	673
ACWP	37	68	103	199	278	305	342	439	490	541	597	684
SV	3	3	3	4	3	1	-30	-40	-35	-33	15	65
CV	0	8	9	-39	-70	-65	-64	-59	-60	-65	-29	-11

2001 EM "Start of Year" Review

Schedule Variance Analysis



BCWS = 608

BCWP = 684

SV = 65

Explanation: FY00 Analyses Completed in early FY01

Impact: None

Corrective Measures: None

Cost Variance Analysis



BCWP = 673

ACWP = 684

CV = -11

Explanation: None

Impact: None

Corrective Measures: None

FY 2001 Uncosted Summary as of September 30, 2001

(Dollars in Thousands)



ANL-W			FY2001 Uncosted Obligations				
Prior Year Carryover	FY2001 BA	Total Funds Available	FY2001 Costs	Contractor Encumbrances	Approved Work Scope	Unencumbered	Total
82	608	690	684		6		6

Metrics

Release Sites (RS) and Facility (F) Completions



- Total of 38
- 34 completed at close of FY1998
- “Closure” of remaining four RS completed in FY2001
 - Phytoremediation system is in-place at ANL-W and operating as planned
 - Field operations continue in FY02 with verification sampling scheduled for FY2003

A Look Ahead



- Continue planting and harvesting activities in FY02
- Properly dispose of all plant matter in the INEEL RWMC or Industrial Waste Landfill
- Complete verification sampling and analysis in FY03 to document remediation goals have been met
- Develop the long term stewardship (LTS) plan and cost
 - ANL-W Pilot Study

LTS Items



- Groundwater monitoring (70K/yr) → 2018
- Institutional controls (fencing/posting) → 100 yrs
- Release sites remaining at ANL-W
 - Industrial Waste Pond (2003)
 - Sewage Lagoons (2035)
 - Operating under land application permit
- Transfer LTS to NE at close of FY03