

U. S. DEPARTMENT OF ENERGY
UMTRA INTEGRATED MONTHLY
VICINITY PROPERTY PROGRESS REPORT
(VPPR)

REPORT # 18

PERIOD COVERED

06/01/87 TO 06/30/87

DOE VP Manager

Gene A. Garcia



Uranium Mill Tailings Remedial Action

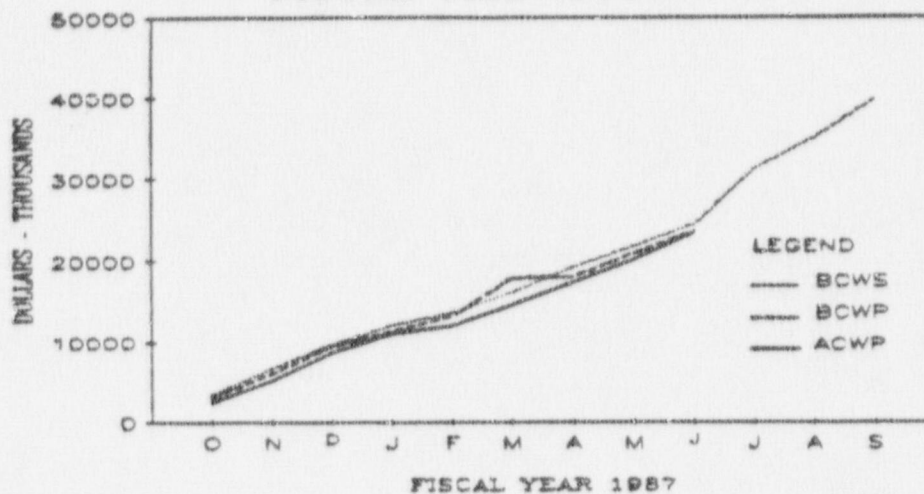
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ACTION ITEMS

- o A method for handling non-designated (non-advertised) associated properties in Grand Junction has been established, therefore, ORNL needs to revise their Milestone/Cost Plan through the CCB.
- o The DOE and the TAC will incorporate applicable comments into the Vicinity Property Management Implementation Manual (VPMIM) and issue for States/Tribes and NRC review on July 31.
- o All contractors must review the forecast milestones for the remainder of the fiscal year. In addition, all contractors should initiate work on the FY 1988 Milestone Plan.

VICINITY PROPERTY PERFORMANCE FISCAL YEAR 1987



Summary Analysis - FY 1987 (\$000)

FY '87 Baseline		Current Budget at	
Budget	\$36,751.2	Completion (BAC)	\$33,438.0
ACWP (Cumulative)	\$23,323.3	Estimate at Completion (EAC)	\$34,852.6
BCWP (Cumulative)	\$23,532.2	At Completion Variance (ACV)	<\$ 1,414.6>
BCWS (Cumulative)	\$24,399.8	CCB Action Required	Yes
% Cost Variance	1%	CCB Variance Amount: Total	<\$ 729.9>*
% Schedule Variance	<4%>	CAN VP Engr	<\$ 152.5>
		DUR VP Engr	<\$ 56.5>
		DUR VPRA	<\$ 377.1>
		LKV VPRA	<\$ 90.9>
		SLC VP Engr	<\$ 50.9>

*Per Trend Report dated 7/21/87

PERIOD ANALYSIS (June 1987)

The Schedule Variance (SV) for the period is negative, indicating that the vicinity property portion of the project earned \$32.6K, or 1%, less than was scheduled for the month. A majority of this variance is due to the large schedule variance in remedial action.

- o AMB had a favorable Inclusion Survey SV of \$18,500 or 100%. This favorable variance is due to an adjustment made to the BCWS in the current month to account for milestone forecast modifications. This negative adjustment has created the positive SV. This is not a trend, and status next month will be correct.

- o CAN/Burrell had a favorable Remedial Action SV of \$66,986 or 670%. This variance is the result of a decision by MK-F to not increase their BAC/BCWS with Management Reserve after CCB acknowledgement that the amount of work had significantly increased at Burrell. Because of this, no monthly BCWS exists for this activity for the period, which then results in a positive schedule variance. This variance will continue until remedial action is finished at Burrell. The DOE milestone date for completion of remedial action is August, 1987. The main site subcontractor is expected to complete in early July, approximately one month ahead of schedule.
- o DUR had an unfavorable Inclusion Survey SV of \$33,700 or 112%. This unfavorable variance is due to a positive adjustment made to BCWS to account for milestone forecast modifications. This adjustment has created a negative SV, which should be rectified for next month's reporting. DUR also had an unfavorable Remedial Action SV of \$201,147 or 67%. This variance is the result of awarding contracts for the remainder of the properties later than originally planned. As future contracts are awarded, the contractor's schedules will be reflected in our BCWS. MK-F's goal of awarding contracts for 22 properties in FY 1987 is not in jeopardy.
- o EDG had a favorable Inclusion Survey SV of \$99,000 or 102%. This variance is the result of an adjustment made to BCWS to account for a modification to forecast milestones. This does not represent a trend.
- o GRN had an unfavorable Inclusion Survey SV of \$52,100 or 104%. This variance is the result of six recommendations being delivered, and then returned. Costs associated with these six returned recommendations were subtracted from the June BCWS, resulting in this negative SV.
- o GUN had an unfavorable Inclusion Survey SV of \$65,600 or 109%. This variance is the result of an adjustment made to the BCWS to account for the milestone forecast modifications to 26 reports in the current month to align the status of reports cumulative to date. This is a one time adjustment, and variances next month will reflect correct status.
- o MAY had an unfavorable Inclusion Survey SV of \$11,600 or 100%. This variance is the result of five recommendations being planned and none being delivered. Because there are no designated properties in Maybell, and no response to advertising, there are no properties to survey to date.
- o NAT had an unfavorable Inclusion Survey SV of \$53,200 or 77%. This variance is the result of 30 recommendations being planned and only nine being delivered. Only one additional week of surveys remains to be conducted, but a number of reports have been held pending a decision regarding interpretation of ore deposits found on some properties.
- o RFL had a favorable Inclusion Survey SV of \$119,200 or 143%. This variance is the result of delivering 20 recommendations against an adjusted plan of negative 36.

- o SLC had a favorable Engineering SV of \$17,582 or 156%. This favorable variance is due to working on, and taking credit for, parts of two commercial properties. The BCWS was established using 'average' properties, thus, these commercial properties were earned above the planned properties. SLC also had a favorable Remedial Action SV of \$67,739 or 54%. This favorable variance is caused by the direct payment to R&W Dairy (SL-050). The property was planned to be substantially complete in February. The owners are behind schedule on the remedial action for which they are responsible. Therefore, MK-F's payment to the Dairy is behind schedule. Since a small payment was scheduled for June, the actual payment made and corresponding BCWP resulted in this positive variance.

The Cost Variance (CV) for the period is negative, indicating that the vicinity property portion of the project spent \$474K or 17%, more than was earned for the month of June. This is due, in part, to previous subcontract obligations and adjustments at Grand Junction being costed this period.

- o CAN/Burrell had an unfavorable Remedial Action CV of \$58,584 or 76%. This variance has resulted from the following: Although MK-F received CCB acknowledgement that the amount of work had significantly increased over the original plan, MK-F chose not to increase the BAC with Management Reserve. By not utilizing Management Reserve, it immediately built in a cost variance of almost 50%. The cost variance will exist until remedial action is complete. As of the end June 1987, remedial action is approximately 96% complete. The DOE milestone date for completing remedial action is August 1987. It is expected that the main site subcontractor will complete in July, approximately one month ahead of schedule.
- o GRJ had an unfavorable Remedial Action CV of \$360,700 or 30%. This variance is due, in part, to previous periods' subcontract obligations being costed in June. In addition, an accounting adjustment by a subcontractor to align their accounting method to service orientation rather than direct labor has contributed to this unfavorable variance.
- o SLC had an unfavorable Remedial Action CV of \$97,850 or 51%. This variance is the result of two situations. Quantity variances at the Roper Yard (SL-018) have caused a cost variance this month. In addition, costs at several properties have been higher than planned. In particular, the final portion of the work at R&W Dairy (SL-050) was budgeted for \$195K, yet the subcontract was awarded for \$241K.

CUMULATIVE ANALYSIS (October 1986 - June 1987)

The Schedule Variance (SV) for this fiscal year-to-date is negative, indicating that the vicinity property portion of the project earned \$867.6K or 4%, less than what has been scheduled. This variance has stabilized over the last quarter. The TAC will continue to monitor this variance.

- o CAN/Burrell have an unfavorable Engineering SV of \$80,599, or 74%. This variance can be attributed to significantly underplanning work associated with Completion Reports. This effort has been much more extensive than planned. This trend should continue at the site, however, the RAC will continue to monitor. Burrell also had an unfavorable Remedial Action SV of \$412,599 or 34%. This variance is also attributed to the increased work over the original plan. Although it has been acknowledged by the CCB, the increase has not been incorporated into the Schedule, thus creating a schedule variance.
- o DUR has a favorable Engineering SV of \$51,558 or 26%. This variance is the result of completing more inclusions and submitting more Completion Reports than scheduled during the first months of FY 1987. DUR also had an unfavorable Remedial Action SV of \$495,906 or 50%. This variance is the result of awarding contracts for the remainder of the properties requiring remedial action later than planned. Please note that MK-F's goal of awarding contracts for 22 properties in FY 1987 is not in jeopardy.
- o GRN has an unfavorable Inclusion Survey SV of \$73,700 or 71%. This variance is due, in majority, to six recommendations being delivered and then returned. These six returned recommendations were subtracted from the June milestones, resulting in this negative SV. This situation does not represent a trend.
- o NAT has an unfavorable Inclusion Survey SV of \$53,200 or 77%. This variance is the result of delivering nine recommendations against a plan of 30. A large number of reports are being held pending a decision regarding the interpretation of ore deposits found on some properties.
- o RFL has a favorable Inclusion Survey of \$38,400 or 19%. This variance is the result of ORNL delivering 20 recommendations against a plan of ten.

The Cost Variance (CV) for the fiscal year-to-date is positive, indicating that the vicinity properties portion of the project spent \$209K or 1%, less than what was earned.

- o CAN has an unfavorable Engineering CV of \$172,508 or 610%. This variance is due to MK-F significantly underplanning the work associated with vicinity property Completion Reports. When initially planned, MK-F did not expect this work to take as long, or be as labor intensive as it actually has been. This trend is expected to continue for the remainder of the fiscal year. Burrell also had a Remedial Action CV of \$303,440, or 37%. Although MK-F received CCB acknowledgement that the amount of work had significantly increased over the original plan, MK-F chose not to increase the BAC with Management Reserve. By not utilizing Management Reserve, it immediately built in a cost variance of almost 50%. The CV will continue to build until remedial action is complete. As of the end of June 1987, remedial action was approximately 96% complete. The DOE milestone date for completing remedial action is August 1987. The main site subcontractor is expected to complete in July, approximately one month ahead of schedule.

- o DUR has a favorable Engineering CV of \$80,459 or 33%. As discussed in the November LPMS report, \$50,000 was accrued in FY 1986 and reversed in FY 1987, which caused the FY 1987 year-to-date ACWP to be \$50,000 low. The correct FY 1987 year-to-date ACWP is \$215,938, causing a favorable variance of \$30,459. This is not a significant variance and does not represent a trend. On a life cycle basis, the variance is \$11,000, well within the reporting threshold.
- o GRJ has a favorable Remedial Action CV of \$1,485.6K or 16%. This variance is caused mainly by uncosted and unaccrued subcontract obligations. A new accrual process has been implemented and starting in July, ACWP will more accurately reflect cumulative accruals.
- o LKV has a favorable Engineering CV of \$76,943 or 75%. This variance is due, in majority, to the final design being completed at a lower than budgeted cost. Most of these savings were on a lumber yard, which was expected to be more complicated than it was.
- o SLC has an unfavorable Remedial Action CV of \$1,201K or 30%. This unfavorable variance has been caused by quantity variances on several properties, which have caused actual costs to be higher than originally anticipated. Specifically, properties SL-018, SL-050, SL-053, SL-063, SL-066, and SL-121 have the largest quantity increases.

The At Completion Variance (ACV) is negative, indicating that \$1,415K or 4%, more is estimated to be spent for the fiscal year than budgeted. A majority of this variance is attributable to greater than planned costs at Canonsburg and Salt Lake City.

- o CAN has an unfavorable Engineering ACV of \$141,770 or 130%. A majority of this variance is due to the extensive effort required to prepare Completion Reports.
- o SLC has an unfavorable Remedial Action ACV of \$1,365K or 27%. This variance is the result of larger than anticipated quantities on the site. Several properties including SL-018, SL-050, SL-053, SL-063, SL-066 and SL-121 have contributed to these high costs.

MILESTONE SCHEDULE ANALYSIS

- o Resolution of the method for handling non-designated associated properties in Grand Junction and the subsequent adjustments to Inclusion/Exclusion recommendation milestones has eliminated cumulative variances in the ORNL milestones.
- o UNC Geotech is behind schedule in the issuance of Completion Reports. The new Completion Report format has been reviewed and approved by GJPO. UNC Geotech has initiated issuance of the new reports. UNC Geotech still anticipates that the milestone will be met.

ACCOMPLISHMENTS THIS PERIOD (June 1987)

The following are general highlights of vicinity property progress for the current month.

- o Two hundred sixty-seven Inclusion/Exclusion recommendations were submitted for properties in Durango (1 Exclusion), Green River (5 Exclusions), Grand Junction (51 Inclusions/181 Exclusions), Naturita (9 Exclusions), Edgemont (1 Inclusion), and Rifle (20 Exclusions).
- o Seven MK-F Radiological and Engineering Assessments (REAs) were submitted, properties in Salt Lake City (2) and Durango (5).
- o Thirteen MK-F properties in Durango (11) and Lakeview (2) had contracts awarded.
- o Sixteen MK-F Completion Reports were issued for properties in Salt Lake City (10), Durango (1), and Canonsburg (5).
- o Fifty-two UNC Geotech Radiological and Engineering Assessments (REAs) were submitted for properties in Grand Junction.
- o Eighty UNC Geotech properties in Grand Junction had contracts awarded.

The following non-milestone accomplishments for June are reported by the DOE Contractors:

- o ORNL continued advertising in newspapers in Grand Junction, Naturita, and Green River to facilitate consent acquisition for those sites.
- o ORNL continued work on the revised ORNL/RASA/UMTRA Procedures Manual and the revised ISC Implementation and Management Plan.
- o ORNL initiated project to reconcile the original designated properties list (DPL) with ISC and VPDMS databases.
- o MK-F reports that Larry Dean Construction continued excavation and backfill work at Roper Yard (SL-018). Tolboe Construction began mobilization at the Vitro disposal site.
- o MK-F is 85% complete on vicinity property remedial action work at Salt Lake City.
- o UNC Geotech reports that reconstruction has been authorized and the subcontractor has begun backfilling at the Burlington Northern Railroad (BNRR) properties in Edgemont.
- o UNC Geotech conducted a radiologic assessment at the abandoned golf course surrounding the Edgemont Municipal Airport and submitted maps and drawings to the UNC Geotech Office in Grand Junction. Decontamination of two sand greens adjacent to the new runway was performed by the City of Edgemont. The City performed this work to avoid delays in the completion of the runway construction. UNC Geotech personnel monitored the work to assure that contaminants in excess of EPA standards were removed. The seven remaining contaminated greens will be remediated by the UMTRA Project.

- o UNC Geotech field procedures were modified in accordance with the new DOE/CDH agreement and presented to the DOE/GJPO. The opposed Crystal Systems (OCS) necessary to implement the field procedures have been fabricated and calibrated, and are ready for use pending CDH approval of the new procedures.
- o The UNC Geotech Purchasing Department has ordered radon grab sampling equipment to support diagnosis of working levels inside structures.
- o UNC Geotech has completed an internal review of the Construction Management Procedures Manual.
- o UNC Geotech has finalized the new Completion Report format. Full production of the reports began in June to recover the FY 1987 submittal plan.
- o All contractors and DOE attended the Contractor's Work Session on June 19.

PLANS FOR NEXT PERIOD (July - September 1987)

- o ORNL plans to submit 616 Inclusion/Exclusion recommendations for properties in Grand Junction (473), Slick Rock (11), Rifle (76), Bowman (1), and Naturita (62).
- o MK-F plans to submit 22 Radiological and Engineering Assessments (REAs) for properties in Durango (18), Tuba City (1), and Ambrosia Lake (3).
- o MK-F plans to award contracts for 11 properties in Durango.
- o MK-F plans to submit Completion Reports for 28 properties in Salt Lake City (25) and Durango (3).
- o UNC Geotech plans to submit 174 Radiological and Engineering Assessment (REAs) for properties in Grand Junction.
- o UNC Geotech plans to award 300 contracts for properties in Grand Junction.
- o UNC Geotech plans to submit 68 Completion Reports for properties in Grand Junction.

The following non-milestone plans for the next three months are reported by the DOE contractors.

- o ORNL plans to make final software modifications in USRADS system. Continue training of additional field personnel to implement USRADS for ISC use.
- o ORNL plans to deliver additional USRADS units to Grand Junction for field usage.

- o ORNL plans to develop a correlation between USRADS mean gamma exposure rates and Ra-226 concentration in soil to allow prediction of sampling and/or in-situ Ra-226 concentration.
- o ORNL will continue work on the revised ORNL/RASA/UMTRA Procedures Manual.
- o ORNL will submit the revised ISC Implementation and Management Plan to UMTRA/PO for comment in July.
- o ORNL will initiate van-scanning in the Craig/Maybell.
- o MK-F will continue VP engineering and remedial action.
- o UNC Geotech plans to work out the details of the remedial action work at the abandoned golf course at the Edgemont Municipal Airport.
- o UNC Geotech will complete the final inspection in July at the Edgemont BNRR properties.
- o UNC Geotech will submit the costs for the additional work on the Edgemont BNRR properties and adjust the EAC accordingly in the month of July.
- o UNC Geotech will complete vicinity property milestone planning for 1988 and the out-years in July. In addition, the FY 1988 cost accounts will be issued to the UMTRA cost personnel in July and the derivation of the FY 1988 Performance Measurement Baseline (PMB) will be completed in September.

Total VP Cost/Milestone Performance Summary
June 1987

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Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
ORNL Surveys	503,700	508,800	500,600	N/A	N/A	N/A	5,100	8,200	N/A
% Var							1%	2%	N/A
MK-F Engineering	80,059	85,591	71,845	N/A	N/A	N/A	5,532	13,746	N/A
% Var							7%	16%	N/A
MK-F RA	517,116	443,020	630,006	N/A	N/A	N/A	-74,096	-186,986	N/A
% Var							-14%	-42%	N/A
UNC Engineering	492,700	484,000	455,300	N/A	N/A	N/A	-8,700	28,700	N/A
% Var							-2%	6%	N/A
UNC RA	1,192,700	1,232,300	1,570,500	N/A	N/A	N/A	39,600	-338,200	N/A
% Var							3%	-27%	N/A
Totals	2,786,275	2,753,711	3,228,251	N/A	N/A	N/A	-32,564	-474,540	N/A
% Var							-1%	-17%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
ORNL Recommendations	196	267	71	94
MK-F REA Submittals	5	7	2	5
MK-F RA Starts	10	13	3	0
MK-F CR Submittal	15	16	1	11
UNC REA Submittals	52	52	0	70
UNC RA Starts	100	80	-20	100
UNC CR Submittal	28	15	-13	22

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
ORNL Surveys	4,613,200	4,480,400	4,276,100	6,271,600	6,262,375	5,836,600	-132,800	204,300	425,775
% Var							-3%	5%	7%
MK-F Engineering	564,081	532,020	523,312	622,096	666,981	863,852	-32,061	8,708	-196,871
% Var							-6%	2%	-30%
MK-F RA	6,758,198	5,446,108	6,978,013	11,715,554	8,361,311	9,979,303	-1,312,090	-1,531,905	-1,617,992
% Var							-19%	-28%	-15%
UNC Engineering	3,830,000	3,844,400	3,843,553	5,569,700	5,570,000	5,614,400	14,400	847	-44,400
% Var							0%	0%	-1%
UNC RA	8,634,300	9,229,260	7,702,303	12,572,200	12,577,300	12,558,400	594,960	1,526,957	18,900
% Var							7%	17%	0%
Totals	24,399,779	23,532,188	23,323,281	36,751,150	33,437,967	34,852,555	-857,591	208,907	-1,414,588
% Var							-4%	1%	-4%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
ORNL Recommendations	2,156	2,195	39	2,773	7,435
MK-F REA Submittals	32	42	10	54	331
MK-F RA Starts	39	41	2	39	313
MK-F CR Submittal	134	123	-11	162	230
UNC REA Submittals	551	559	8	746	1,701
UNC RA Starts	710	665	-45	1,010	1,248
UNC CR Submittal	236	83	-153	304	155

VP Cost/Milestone Performance Summary
June 1987

07/23/87
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ite : 16 AMB Ambrosia Lake

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-18,500	0	0	N/A	N/A	N/A	18,500	0	N/A
% Var							100%	N/A	N/A
Engineering	1,861	4,104	4,304	N/A	N/A	N/A	2,243	-200	N/A
% Var							121%	-5%	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	-16,639	4,104	4,304	N/A	N/A	N/A	20,743	-200	N/A
% Var							125%	-5%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	-8	0	8	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-500	3,600	3,500	18,000	-500	3,600	4,100	100	-4,100
% Var							820%	3%	820%
Engineering	10,677	4,104	4,304	43,890	43,890	43,890	-6,573	-200	0
% Var							-62%	-5%	0%
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	10,177	7,704	7,804	61,890	43,390	47,490	-2,473	-100	-4,100
% Var							-24%	-1%	-9%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	2	2	0	2	2
REA Submittals	0	0	0	3	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
June 1987

07/23/87
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Site : 21 BEL Belfield

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-4,600	0	0	N/A	N/A	N/A	4,600	0	N/A
% Var							100%	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	-4,600	0	0	N/A	N/A	N/A	4,600	0	N/A
% Var							100%	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	-2	0	2	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	34,900	35,900	24,600	39,500	34,900	35,900	1,000	11,300	-1,000
% Var							3%	31%	-3%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	34,900	35,900	24,600	39,500	34,900	35,900	1,000	11,300	-1,000
% Var							3%	31%	-3%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	20	20	0	20	20
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
June 1987

07/23/87
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Site : 22 BOW Bowman

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-9,300	0	0	N/A	N/A	N/A	9,300	0	N/A
% Var							100%	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	-9,300	0	0	N/A	N/A	N/A	9,300	0	N/A
% Var							100%	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	1
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	1,500	3,600	2,400	10,800	3,800	5,400	2,100	1,200	-1,600
% Var							140%	33%	-42%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	1,500	3,600	2,400	10,800	3,800	5,400	2,100	1,200	-1,600
% Var							140%	33%	-42%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	6	2	-4	3	2
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
June 1987

07/23/87
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Site : 01 CAN Canonsburg

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	1,251	378	N/A	N/A	N/A	1,251	873	N/A
% Var							N/A	70%	N/A
Remedial Action	10,000	76,986	135,570	N/A	N/A	N/A	66,986	-58,584	N/A
% Var							670%	-76%	N/A
Totals	10,000	78,237	135,948	N/A	N/A	N/A	68,237	-57,711	N/A
% Var							682%	-74%	N/A

Next Period

Milestone Data	Forecast	Actual	Variance	Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	5	5	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	108,899	28,300	200,808	98,156	108,899	250,669	-80,599	-172,508	-141,770
% Var							-74%	-610%	-130%
Remedial Action	1,227,032	814,433	1,117,873	1,257,032	1,257,032	1,357,332	-412,599	-3,440	-100,300
% Var							-34%	-37%	-8%
Totals	1,335,931	842,733	1,318,681	1,355,188	1,365,931	1,608,001	-493,198	-475,948	-242,070
% Var							-37%	-56%	-18%

End of Year
Forecast

Milestone Data	Forecast	Actual	Variance	Forecast	Project To Date
Recommendations	0	0	0	0	191
REA Submittals	0	2	2	0	116
RA Starts	0	0	0	0	124
CR Submittal	88	84	-4	88	155

VP Cost/Milestone Performance Summary
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Site : 9B CPTL Capital Expenses

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	6,700	0	0	N/A	N/A	N/A	-6,700	0	N/A
% Var							-100%	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	6,700	0	0	N/A	N/A	N/A	-6,700	0	N/A
% Var							-100%	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	60,100	0	0	79,800	80,050	79,800	-60,100	0	250
% Var							-100%	N/A	0%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	60,100	0	0	79,800	80,050	79,800	-60,100	0	250
% Var							-100%	N/A	0%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	0
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 03 DUR Durango

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	30,100	-3,600	-3,500	N/A	N/A	N/A	-33,700	-100	N/A
% Var							-112%	-3%	N/A
Engineering	48,315	43,546	34,703	N/A	N/A	N/A	-4,769	8,843	N/A
% Var							-10%	20%	N/A
Remedial Action	300,493	99,346	107,122	N/A	N/A	N/A	-201,147	-7,776	N/A
% Var							-67%	-8%	N/A
Totals	378,908	139,292	138,325	N/A	N/A	N/A	-239,616	967	N/A
% Var							-63%	1%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	13	0	-13	0
REA Submittals	5	5	0	5
RA Starts	10	11	1	0
CR Submittal	1	1	0	1

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	30,100	23,400	22,800	0	30,100	23,300	-6,700	600	6,800
% Var							-22%	3%	23%
Engineering	194,839	246,397	165,938	178,147	205,441	234,646	51,558	80,459	-29,205
% Var							26%	33%	-14%
Remedial Action	997,512	501,606	514,403	1,492,324	1,755,513	1,869,511	-495,906	-12,797	-113,998
% Var							-50%	-3%	-6%
Totals	1,222,451	771,403	703,141	1,670,471	1,991,054	2,127,457	-451,048	68,262	-136,403
% Var							-37%	9%	-7%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	13	14	1	13	386
REA Submittals	23	29	6	41	86
RA Starts	20	25	5	20	73
CR Submittal	3	3	0	6	4

VP Cost/Milestone Performance Summary
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Site : 23 EDG Edgemont

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-97,200	1,800	1,800	N/A	N/A	N/A	99,000	0	N/A
% Var							102%	0%	N/A
Engineering	22,100	18,400	3,200	N/A	N/A	N/A	-3,700	15,200	N/A
% Var							-17%	83%	N/A
Remedial Action	49,500	47,000	24,500	N/A	N/A	N/A	-2,500	22,500	N/A
% Var							-5%	48%	N/A
Totals	-25,600	67,200	29,500	N/A	N/A	N/A	92,800	37,700	N/A
% Var							363%	56%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	-42	1	43	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	12	0	-12	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	10,600	27,000	31,400	107,800	10,600	32,300	16,400	-4,400	-21,700
% Var							155%	-16%	-205%
Engineering	69,500	52,800	47,591	104,100	104,500	99,700	-16,700	5,209	4,800
% Var							-24%	10%	5%
Remedial Action	147,700	153,400	112,100	187,000	191,700	188,800	5,700	41,300	2,900
% Var							4%	27%	2%
Totals	227,800	233,200	191,091	398,900	306,800	320,800	5,400	42,109	-14,000
% Var							2%	18%	-5%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	18	15	-3	18	173
REA Submittals	0	0	0	0	104
RA Starts	0	0	0	0	103
CR Submittal	58	0	-58	58	0

VP Cost/Milestone Performance Summary
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Site : 2D FCT Falls City

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	20
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 05 GRJ Grand Junction

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	418,900	398,600	393,000	N/A	N/A	N/A	-20,300	5,600	N/A
% Var							-5%	1%	N/A
Engineering	470,600	465,600	452,100	N/A	N/A	N/A	-5,000	13,500	N/A
% Var							-1%	3%	N/A
Remedial Action	1,143,200	1,185,300	1,546,000	N/A	N/A	N/A	42,100	-360,700	N/A
% Var							4%	-30%	N/A
Totals	2,032,700	2,049,500	2,391,100	N/A	N/A	N/A	16,800	-341,600	N/A
% Var							1%	-17%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	181	232	51	153
REA Submittals	52	52	0	70
RA Starts	100	80	-20	100
CR Submittal	16	15	-1	22

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	3,420,900	3,450,700	3,337,700	4,135,000	4,564,200	4,213,900	29,800	113,000	350,300
% Var							1%	3%	8%
Engineering	3,760,500	3,791,600	3,795,962	5,465,600	5,465,500	5,514,700	31,100	-4,362	-49,200
% Var							1%	0%	-1%
Remedial Action	8,486,600	9,075,860	7,590,203	12,385,200	12,385,600	12,369,600	589,260	1,485,657	16,000
% Var							7%	16%	0%
Totals	15,668,000	16,318,160	14,723,865	21,985,800	22,415,300	22,098,200	650,160	1,594,295	317,100
% Var							4%	10%	1%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	1,853	1,948	95	2,347	5,962
REA Submittals	551	559	8	746	1,597
RA Starts	710	665	-45	1,010	1,145
CR Submittal	178	83	-95	246	155

VP Cost/Milestone Performance Summary
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Site : 10 GRN Green River

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	50,300	-1,800	-1,800	N/A	N/A	N/A	-52,100	0	N/A
% Var							-104%	0%	N/A
Engineering	6,978	0	0	N/A	N/A	N/A	-6,978	0	N/A
% Var							-100%	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	57,278	-1,800	-1,800	N/A	N/A	N/A	-59,078	0	N/A
% Var							-103%	0%	N/A

Next Period

Milestone Data	Forecast	Actual	Variance	Forecast
Recommendations	28	5	-23	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	104,200	30,500	23,600	104,200	104,200	84,400	-73,700	6,900	19,800
% Var							-71%	23%	19%
Engineering	15,738	0	0	0	15,738	15,738	-15,738	0	0
% Var							-100%	N/A	0%
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	119,938	30,500	23,600	104,200	119,938	100,138	-89,438	6,900	19,800
% Var							-75%	23%	17%

End
of Year
Forecast

Milestone Data	Forecast	Actual	Variance	Forecast	Project To Date
Recommendations	58	23	-35	58	23
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 08 GUN Gunnison

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	60,200	-5,400	-5,300	N/A	N/A	N/A	-65,600	-100	N/A
% Var							-109%	-2%	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	60,200	-5,400	-5,300	N/A	N/A	N/A	-65,600	-100	N/A
% Var							-109%	-2%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	26	0	-26	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	60,200	41,300	29,400	50,300	60,200	46,700	-18,900	11,900	13,500
% Var							-31%	29%	22%
Engineering	0	0	0	29,871	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	60,200	41,300	29,400	80,171	60,200	46,700	-18,900	11,900	13,500
% Var							-31%	29%	22%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	26	26	0	26	26
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

WP Cost/Milestone Performance Summary
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Site : 13 LKV Lakeview

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	0	547	N/A	N/A	N/A	0	-547	N/A
% Var							N/A	N/A	N/A
Remedial Action	81,109	73,435	96,211	N/A	N/A	N/A	-7,674	-22,776	N/A
% Var							-9%	-31%	N/A
Totals	81,109	73,435	96,758	N/A	N/A	N/A	-7,674	-23,323	N/A
% Var							-9%	-32%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	2	2	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	78,884	102,463	25,520	78,884	78,884	78,884	23,579	76,943	0
% Var							30%	75%	0%
Remedial Action	96,774	90,663	113,403	235,998	287,839	326,894	-6,111	-22,740	-39,055
% Var							-6%	-25%	-14%
Totals	175,658	193,126	138,923	314,882	366,723	405,778	17,468	54,203	-39,055
% Var							10%	28%	-11%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	9
REA Submittals	7	7	0	7	7
RA Starts	7	6	-1	7	6
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 12 LOW Lowman

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	0	39	N/A	N/A	N/A	0	-39	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	0	0	39	N/A	N/A	N/A	0	-39	N/A
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	0	0	103	0	0	100	0	-103	-100
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	0	0	103	0	0	100	0	-103	-100
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	28
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 14 MAY Maybell

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	11,600	0	0	N/A	N/A	N/A	-11,600	0	N/A
% Var							-100%	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	11,600	0	0	N/A	N/A	N/A	-11,600	0	N/A
% Var							-100%	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	5	0	-5	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	11,600	0	0	9,000	11,600	9,000	-11,600	0	2,600
% Var							-100%	N/A	22%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	11,600	0	0	9,000	11,600	9,000	-11,600	0	2,600
% Var							-100%	N/A	22%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	5	0	-5	5	0
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 09 HAT Mexican Hat

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	4,187	5,630	1,746	N/A	N/A	N/A	1,443	3,884	N/A
% Var							34%	69%	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	4,187	5,630	1,746	N/A	N/A	N/A	1,443	3,884	N/A
% Var							34%	69%	N/A

Next Period

Milestone Data	Forecast	Actual	Variance	Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	11,444	8,549	1,746	11,200	27,152	27,152	-2,895	6,803	0
% Var							-25%	80%	0%
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	11,444	8,549	1,746	11,200	27,152	27,152	-2,895	6,803	0
% Var							-25%	80%	0%

End of Year
Forecast

Milestone Data	Forecast	Actual	Variance	Forecast	Project To Date
Recommendations	0	0	0	0	19
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 19 MON Monument Valley

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	620	-553	259	N/A	N/A	N/A	-1,173	-812	N/A
% Var							-189%	-147%	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	620	-553	259	N/A	N/A	N/A	-1,173	-812	N/A
% Var							-189%	-147%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	3,597	536	939	0	5,560	5,560	-3,061	-403	0
% Var							-85%	-75%	0%
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	3,597	536	939	0	5,560	5,560	-3,061	-403	0
% Var							-85%	-75%	0%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	18
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 17 NAT Naturita

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	69,400	16,200	15,900	N/A	N/A	N/A	-53,200	300	N/A
% Var							-77%	2%	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	69,400	16,200	15,900	N/A	N/A	N/A	-53,200	300	N/A
% Var							-77%	2%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	30	9	-21	22
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	69,400	16,200	15,900	215,500	166,600	129,300	-53,200	300	37,300
% Var							-77%	2%	22%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	69,400	16,200	15,900	215,500	166,600	129,300	-53,200	300	37,300
% Var							-77%	2%	22%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	30	9	-21	72	9
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 06 RFL Rifle

Period Analysis

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Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	-83,300	35,900	35,400	N/A	N/A	N/A	119,200	500	N/A
% Var							143%	1%	N/A
Engineering	0	0	132	N/A	N/A	N/A	0	-132	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	-83,300	35,900	35,532	N/A	N/A	N/A	119,200	368	N/A
% Var							143%	1%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period
				Forecast
Recommendations	-36	20	56	10
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

=====									
Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	204,100	242,500	226,900	684,200	500,000	359,100	38,400	15,600	20,900
% Var							19%	6%	6%
Engineering	0	0	132	0	0	0	0	-132	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	204,100	242,500	227,032	684,200	380,000	359,100	38,400	15,468	20,900
% Var							19%	6%	6%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	124	135	11	200	337
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 07 RVT Riverton

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	6,231	0	197	N/A	N/A	N/A	-6,231	-197	N/A
% Var							-100%	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	6,231	0	197	N/A	N/A	N/A	-6,231	-197	N/A
% Var							-100%	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	6,231	303	401	13,033	12,434	12,506	-5,928	-98	-72
% Var							-95%	-32%	-1%
Remedial Action	0	7,582	0	0	0	0	7,582	7,582	0
% Var							N/A	100%	N/A
Totals	6,231	7,885	401	13,033	12,434	12,506	1,654	7,484	-72
% Var							27%	95%	-1%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	60
REA Submittals	0	0	0	0	16
RA Starts	0	0	0	0	13
CR Submittal	1	0	-1	1	12

VP Cost/Milestone Performance Summary
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Site : 02 SLC Salt Lake City

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	11,247	28,829	27,683	N/A	N/A	N/A	17,582	1,146	N/A
% Var							156%	4%	N/A
Remedial Action	125,514	193,253	291,103	N/A	N/A	N/A	67,739	-97,850	N/A
% Var							54%	-51%	N/A
Totals	136,761	222,082	318,786	N/A	N/A	N/A	85,321	-96,704	N/A
% Var							62%	-44%	N/A

Next Period

Milestone Data	Forecast	Actual	Variance	Forecast
Recommendations	0	0	0	0
REA Submittals	0	2	2	0
RA Starts	0	0	0	0
CR Submittal	14	10	-4	10

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	129,427	135,218	119,618	133,552	161,452	184,449	5,791	15,600	-22,997
% Var							4%	12%	-14%
Remedial Action	4,436,880	4,031,824	5,232,328	6,529,200	5,060,927	6,425,566	-405,056	-1,200,504	-1,364,639
% Var							-9%	-30%	-27%
Totals	4,566,307	4,167,042	5,351,946	6,662,752	5,222,379	6,610,015	-399,265	-1,184,904	-1,387,636
% Var							-9%	-28%	-27%

End
of Year
Forecast

Project
To Date

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	120
REA Submittals	2	4	2	2	91
RA Starts	12	10	-2	12	82
CR Submittal	39	33	-6	64	44

VP Cost/Milestone Performance Summary
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Site : 04 SHP Shiprock

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	0	422	N/A	N/A	N/A	0	-422	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	0	0	422	N/A	N/A	N/A	0	-422	N/A
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	0	3,366	2,368	0	0	2,727	3,366	998	-2,727
% Var							N/A	30%	N/A
Remedial Action	0	0	6	0	0	0	0	-6	0
% Var							N/A	N/A	N/A
Totals	0	3,366	2,374	0	0	2,727	3,366	992	-2,727
% Var							N/A	29%	N/A

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	20
REA Submittals	0	0	0	0	15
RA Starts	0	0	0	0	15
CR Submittal	3	3	0	3	15

VP Cost/Milestone Performance Summary
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Site : 11 SRK Slick Rock

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	4
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	12,600	9,300	7,200	0	0	2,100
% Var							N/A	N/A	23%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	0	0	0	12,600	9,300	7,200	0	0	2,100
% Var							N/A	N/A	23%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	4	1
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 15 SPK Spook

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	2,300	0	0	N/A	N/A	N/A	-2,300	0	N/A
% Var							-100%	N/A	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	2,300	0	0	N/A	N/A	N/A	-2,300	0	N/A
% Var							-100%	N/A	N/A

Next Period

Milestone Data	Forecast	Actual	Variance	Forecast
Recommendations	1	0	-1	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	2,300	1,800	2,000	0	2,300	1,800	-500	-200	500
% Var							-22%	-11%	22%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	2,300	1,800	2,000	0	2,300	1,800	-500	-200	500
% Var							-22%	-11%	22%

End

Milestone Data	Forecast	Actual	Variance	of Year Forecast	Project To Date
Recommendations	1	1	0	1	1
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 18 TUB Tuba City

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Engineering	620	2,784	1,435	N/A	N/A	N/A	2,164	1,349	N/A
% Var							349%	48%	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	620	2,784	1,435	N/A	N/A	N/A	2,164	1,349	N/A
% Var							349%	48%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Engineering	4,345	2,784	1,435	35,363	7,531	7,531	-1,561	1,349	0
% Var							-36%	48%	0%
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	4,345	2,784	1,435	35,363	7,531	7,531	-1,561	1,349	0
% Var							-36%	48%	0%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	8
REA Submittals	0	0	0	1	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0

VP Cost/Milestone Performance Summary
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Site : 99 NON-SNon-site

Period Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	67,100	67,100	65,100	N/A	N/A	N/A	0	2,000	N/A
% Var							0%	3%	N/A
Engineering	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	N/A	N/A	N/A	0	0	N/A
% Var							N/A	N/A	N/A
Totals	67,100	67,100	65,100	N/A	N/A	N/A	0	2,000	N/A
% Var							0%	3%	N/A

Milestone Data	Forecast	Actual	Variance	Next Period Forecast
Recommendations	0	0	0	0
REA Submittals	0	0	0	0
RA Starts	0	0	0	0
CR Submittal	0	0	0	0

Cumulative Analysis

Cost Data	BCWS	BCWP	ACWP	Baseline BAC	Revised BAC	EAC	SV	CV	ACV
Inclusion Surveys	603,800	603,900	555,900	804,900	805,025	804,900	100	48,000	125
% Var							0%	8%	0%
Engineering	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Remedial Action	0	0	0	0	0	0	0	0	0
% Var							N/A	N/A	N/A
Totals	603,800	603,900	555,900	804,900	805,025	804,900	100	48,000	125
% Var							0%	8%	0%

Milestone Data	Forecast	Actual	Variance	End of Year Forecast	Project To Date
Recommendations	0	0	0	0	0
REA Submittals	0	0	0	0	0
RA Starts	0	0	0	0	0
CR Submittal	0	0	0	0	0