

UNCLASSIFIED

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)								DATE February 1999		
BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation						
COST (In Thousands)	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	55058	48986	0	0	0	0	0	0	0	104044
M0VV Environmental Compliance - AMC Test Ranges	33739	32231	0	0	0	0	0	0	0	65970
M1VV Environmental Compliance - AMC Major Subordinate Commands/Laboratories	11192	9927	0	0	0	0	0	0	0	21119
M4VV Environmental Compliance - Corps of Engineers	6558	4967	0	0	0	0	0	0	0	11525
M5VV Environmental Compliance - USASSDC	1869	1861	0	0	0	0	0	0	0	3730
M6VV Environmental Compliance - Landfill Remediation	1700	0	0	0	0	0	0	0	0	1700

A. Mission Description and Budget Item Justification: This program ensures that resources are available to fund legally mandated environmental compliance activities at U.S. Army RDTE installations, laboratories and test ranges. It finances environmental staff salaries; minor construction, repair and upgrade of facilities to meet environmental standards, including waste treatment and disposal; radon abatement; repair and clean up of underground storage tank hazards; management of hazardous waste storage and disposal; permits and licensing fees; environmental training, plans and studies; and environmental monitoring and audits. Funds cost of complying with Federal Facility Compliance Agreements (FFCA) and other environmental agreements, and correcting notices of violation. It does not finance construction or repairs unrelated to environmental compliance or Defense Environmental Restoration Account (DERA) funded environmental restoration. In summary, this program provides for environmental quality control of current defense operations and disposal of hazardous waste incident to defense operations funded by the RDTE appropriation. Army defines environmental effort as: Class O - projects needed to cover essential administrative, personnel, and other costs required to manage environmental activities and monitor environmental conditions associated with compliance. Class I - support compliance with legally binding agreements or judgments under applicable federal, state, local or host nation environmental law; correct deficiencies cited in an inspection or notice of violation by a regulatory agency, or host nation equivalent; correct deficiencies where a statutory or regulatory deadline has passed; Class II - projects required to comply with an established standard, and deadline for compliance is in the future; Class III - salaries and training for environmental personnel and projects required to maintain/improve environmental quality, but where non-compliance is not imminent. Beginning in FY2000, Environmental Compliance is transferred to the Operations and Maintenance, Army (OMA) appropriation.

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BUDGET ACTIVITY
6 - Management and Support

PE NUMBER AND TITLE
**0605856A Environmental Compliance - Research,
Development, Testing & Evaluation**

B. Program Change Summary	<u>FY 1998</u>	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
Previous President's Budget (FY 1999 PB)	56576	44116	40365	38356
Appropriated Value	58378	49116		
Adjustments to Appropriated Value				
a. Congressional General Reductions	-1802	-130		
b. SBIR/STTR	-952			
c. Omnibus or Other Above Threshold Reductions	-314			
d. Below Threshold Reprogramming	-252			
e. Rescissions				
Adjustments to Budget Years Since <u>FY 1999 PB</u>			-40365	-38356
Current Budget Submit (FY 2000/2001 PB)	55058	48986	0	0

Change Summary Explanation:

Funding: FY 2000 funds (-40365) for the RDTE Environmental Compliance Program reprogrammed to OMA.
FY 2001 funds (-38356) for the RDTE Environmental Compliance Program reprogrammed to OMA.

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BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation					PROJECT M0VV	
<i>COST (In Thousands)</i>	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
M0VV Environmental Compliance - AMC Test Ranges	33739	32231	0	0	0	0	0	0	0	65970
<p><u>Mission Description and Justification:</u> Resources in the project ensure an adequate level of funding for legally mandated environmental compliance requirements at Yuma Proving Ground (YPG), AZ; Garrison Aberdeen Proving Ground (GAPG), MD; Dugway Proving Ground (DPG), UT; and White Sands Missile Range (WSMR), NM. These operations are critical to the infrastructure of the Army testing program.</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 33739 Funded Class O, Class I, Class II, and other “Must Fund” environmental compliance programs and projects. Programs such as underground storage tank removal/remediation, Environmental Impact compliance, expansion of solid waste landfill, backflow prevention program and closure of solid waste management units. Also funds hazardous waste disposal and program management. Include projects such as Hazardous Materials Inventory/Tracking/Reporting Compliance and Solid Waste Compliance Management at GAPG; Management of Central Storage Facility at DPG; Monitoring of Drinking (Ground) Water at WSMR; and Sample and Analysis of Depleted Uranium at YPG. <p>Total 33739</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 32231 Fund Class O, Class I, Class II, and other “Must Fund” environmental compliance programs and projects. Programs such as underground storage tank removal/remediation, Environmental Impact Statement, asbestos disposal, wastewater compliance, expansion of solid waste landfill, backflow prevention program and closure of solid waste management units. Also funds hazardous waste disposal and program management. Include projects such as Inflow/Infiltration Reduction at GAPG; Permit Application for Open Burning & Open Denotation at DPG; Sewage Lagoon at WSMR; and Storm Water Control at YPG. <p>Total 32231</p> <p>FY 2000 Planned Program: Project is reprogrammed to OMA.</p> <p>FY 2001 Planned Program: Project is reprogrammed to OMA.</p>										
Project M0VV			<i>Page 3 of 7 Pages</i>				Exhibit R-2A (PE 0605856A)			

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BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation					PROJECT M1VV	
COST <i>(In Thousands)</i>	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
M1VV Environmental Compliance - AMC Major Subordinate Commands/Laboratories	11192	9927	0	0	0	0	0	0	0	21119
<p>Mission Description and Justification: Resources in this project ensure an adequate level of funding for legally mandated environmental compliance requirements at Army Research Laboratory (ARL), Adelphi, MD; Armament Research, Development and Engineering Center (ARDEC), Picatinny Arsenal, Dover, NJ; and Soldier and Biological Chemical Command (SBCCOM), Natick, MA.</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 11192 Funded Class I, Class II, and other environmental programs, such as, drinking water cross-connection program and compliance with sewage prevention requirement at ARDEC; continue upgrade of fume hood exhaust controls and underground storage tank compliance program; Funded compliance requirements such as hazardous waste disposal and program management. <p>Total 11192</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 9927 Fund Class I, Class II, and other environmental programs, such as, drinking water cross-connection program and compliance with sewage prevention requirement; underground storage tank compliance program. Fund remaining compliance requirements such as hazardous waste disposal and program management. <p>Total 9927</p> <p>FY 2000 Planned Program: Project is reprogrammed to OMA..</p> <p>FY 2001 Planned Program: Project is reprogrammed to OMA.</p>										
Project M1VV			Page 4 of 7 Pages				Exhibit R-2A (PE 0605856A)			

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BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation					PROJECT M4VV	
COST <i>(In Thousands)</i>	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
M4VV Environmental Compliance - Corps of Engineers	6558	4967	0	0	0	0	0	0	0	11525
<p>Mission Description and Justification: This Congressional add funds industry cost-shared demonstration of low emission boiler and industry cost-shared demonstration for privatized fuel cell combined heat electrical supply technology at approximately 21 sites. The effort is managed by the Army Construction Engineering Research Laboratory (CERL).</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 6558 Funded industry cost-shared demonstration of low emission boiler and Industry cost shared demonstration for privatized fuel cell combined heat and electrical supply technology at approximately 21 sites. Funded Navy, Army and Air Force fuel cell project review teams. Funds were added by Congress <p>Total 6558</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 4967 \$2.967M will support the Climate Fuel Cell Program. Approximately 13 federal grants will be issued to non-Federal entities to purchase and install fuel cell power plants, with priority to those installed at DoD facilities. \$2M will support the demonstration of Low NOx Boiler technology at Army installations in coordination with the Army Utility Modernization Program. Funding will purchase and install one Low NOx Boiler and develop thermal and environmental performance criteria from 3 ongoing demonstrations. Funds were added by Congress. <p>Total 4967</p> <p>FY 2000 Planned Program: Project not funded in FY 2000</p> <p>FY 2001 Planned Program: Project not funded in FY 2001</p>										
Project M4VV			Page 5 of 7 Pages				Exhibit R-2A (PE 0605856A)			

UNCLASSIFIED

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<i>COST (In Thousands)</i>	FY1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost
M5VV Environmental Compliance - USASSDC	1869	1861	0	0	0	0	0	0	0	3730
<p><u>Mission Description and Justification:</u> Resources in this project ensure an adequate level of funding for legally mandated environmental compliance requirements at the U.S. Army Space and Missile Defense Command (USASMDC).</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 1869 Funded environmental compliance programs such as PCB removal, testing for hazardous materials, shipment and disposal of hazardous wastes, environmental staff training, water quality, clean up fuel/oil contamination, underground storage tank compliance, asbestos removal and shipment, mitigation monitoring, etc. <p>Total 1869</p> <p>FY 1999 Planned Program:</p> <ul style="list-style-type: none"> • 1811 Fund environmental compliance programs such as PCB removal, testing for hazardous materials, shipment and disposal of hazardous wastes, environmental staff training, water quality, clean up fuel/oil contamination, underground storage tank compliance, asbestos removal and shipment, mitigation monitoring, etc. • 50 Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) Programs <p>Total 1861</p> <p>FY 2000 Planned Program: Project is reprogrammed to OMA</p> <p>FY 2001 Planned Program: Project is reprogrammed to OMA</p>										
Project M5VV			<i>Page 6 of 7 Pages</i>				Exhibit R-2A (PE 0605856A)			

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COST <i>(In Thousands)</i>	FY 1998 Actual	FY 1999 Estimate	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
M6VV Environmental Compliance - Landfill Remediation	1700	0	0	0	0	0	0	0	0	1700
<p><u>Mission Description and Justification:</u> The funds were for the continuation of an environmental remediation demonstration project at Fort Ord, CA.</p> <p>FY 1998 Accomplishments:</p> <ul style="list-style-type: none"> • 1700 National Defense Center for Environmental Excellence (NDCEE) completed various environmental research and development tasks at Fort Ord, CA. These tasks complemented the original statement of work's research assignments and further investigated innovative environmental technologies at Fort Ord. The general public and environmental professionals were provided access to these research and development technology efforts through the existing internet media web page. <p>Total 1700</p> <p>FY 1999 Planned Program: Project is not funded in FY 1999</p> <p>FY 2000 Planned Program: Project is not funded in FY 2000</p> <p>FY 2001 Planned Program: Project is not funded in FY 2001</p>										
Project M5VV			<i>Page 7 of 7 Pages</i>				Exhibit R-2 (PE 0605856A)			

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