

***Review of Marine Corps Expeditionary Force
Preventive Medicine Materiel Requirements***

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Review of Marine Corps Expeditionary Force Preventive Medicine Materiel Requirements

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TABLE OF CONTENTS

List of Tables	iii
Summary	iv
Introduction	1
Method	2
Results and Discussion	8
Preventive Medicine (M) Module.....	8
Preventive Medicine (T) Module.....	8
Entomology Module	8
Industrial Hygiene (IH) Module	9
Conclusions	11
References	12
Appendices	
A. Preventive Medicine Maneuver (M) Tasks & Supply Requirements	A-1
B. Equipment & Consumables PM (M) Module List	B-1
C. Preventive Medicine Technician (T) Tasks & Supply Requirements	C-1
D. Equipment & Consumables PM (T) Module List	D-1
E. Preventive Medicine Entomology (Ento) Tasks & Supply Requirements	E-1
F. Equipment & Consumables Ento Module List	F-1
G. Preventive Medicine Industrial Hygiene (IH) Tasks & Supply Requirements.....	G-1
H. Equipment & Consumables PM (IH) Module List	H-1

LIST OF TABLES

Table 1. Subject Matter Expert Command Representation	2
Table 2. Theater Preventive Medicine Objectives.....	3
Table 3. Task Profiles for Preventive Medicine Objectives	4
Table 4. Number and Type of PM Modules by Concept of Employment.....	10

SUMMARY

Problem

Marine Corps Systems Command (MARCORSYSCOM) conducts periodic reviews of Marine Expeditionary Force medical supply and equipment configurations. The goal of these reviews is to modernize the supply and equipment sets and to incorporate changes in warfighting and logistical support concepts. Advances in technology, and advances in the treatment and prevention of injuries and disease should also be considered during this review process. This report documents the development of four preventive medicine (PM) modules designed to address a variety of employment scenarios.

Objective

The objective of the review was to modernize the medical equipment and supplies in the PM Authorized Medical Allowance Lists (AMALs) to incorporate advances in the fields of preventive medicine, epidemiology, environmental health, entomology, and industrial hygiene. The primary goal of the present study was to develop a model that can be used to identify the appropriate mix of supplies, relate each supply item to a specific mission objective and task, and then use the estimated frequency of each PM task to establish the quantity required of each item of materiel.

Approach

The results of the AMAL 637/638 review sponsored by MARCORSYSCOM and held at Medical Logistics Company, Camp Pendleton, are presented. Twenty-three subject matter experts (SMEs) from 15 Navy and Marine Corps commands were assembled and tasked with identifying the primary PM objectives required in a theater of operations. For the 10 primary PM objectives identified, task profiles detailing the step-by-step approach used to achieve the objectives were constructed. SMEs were asked to assign the supplies required to conduct the tasks and to estimate the relative frequency of each task under the conditions of a worst-case scenario conflict. Finally, the number of times each PM task might be conducted and the type and quantity of materiel that would be required to effectively complete the tasks were computed. The materiel projected was then organized into deployable PM modules.

Results

The SMEs identified 4 PM modules: PM Maneuver (M) module used by senior corpsmen; the PM Technician (T) module used by PM technicians, PM officers, and environmental health officers (EHOs); the Entomology (Ento) module used by entomologists; and the Industrial Hygiene (IH) module used by industrial hygienists. These modules were configured to better reflect the concept of employment.

The PM (M) module now supports senior corpsmen with a minimal supply set to accomplish tasks falling under four PM objectives. The PM (T) module supports all PM objectives except those falling under the purview of IH. The module supporting Ento provides the equipment and supplies necessary for them to complete the majority of pest control tasks, complimenting the

PM module. Occupational and environmental health surveillance requirements are now supported with the addition of an equipment and supply set for the IH module.

Conclusion and Discussion

The model allowed for the creation of supply blocks of materiel modularized to support different types and sizes of missions. Because the model groups materiel according to objectives and tasks, it can be used to sort materiel into clusters that reflect different functions. The materiel in the PM AMALs was modularized according to the PM function and size of mission, and it can be arranged to support teams with various capabilities.

A Review of Marine Corps Expeditionary Force Preventive Medicine Materiel Requirements

INTRODUCTION

New approaches for matching logistical support to operational requirements need to be developed and applied to evolving force medical capabilities. One approach, developed by the Naval Health Research Center (NHRC), uses specific theater clinical requirements as the basis for determining medical supply needs of various Marine Corps medical force capabilities, including first responders, Battalion Aid Stations, resuscitative surgical units, laboratory, and x-ray. In this approach, the model links each piece of materiel to a clinical requirement that is expressed as a specific medical task used to treat specific injuries or illnesses known to occur in a theater of operations (Hesslink, Galarneau, Lowe, Smith, & Konoske, 1998; Galarneau, Konoske, Emens-Hesslink, Pang & Gauker, 1997; Galarneau, Mahoney, Konoske, Emens-Hesslink, 1997; Galarneau, Pang, Konoske & Gauker, 1998; Galarneau, Konoske & Pang, 1998).

Using this modeling approach, NHRC reduced significantly the cube and weight of Marine Corps Class VIII materiel while increasing clinical capability of deployed forces. In 1999, this approach was used to reflect the needs and requirements of preventive medicine (PM) units (Galarneau, Pang, & Konoske, 1999). Instead of relating supply requirements to clinical tasks and patients, PM supplies were related to PM mission objectives and the tasks required to accomplish those objectives. Because a number of items were added, the capability of the blocks was enhanced. Significant decreases in number of items, weight, volume, and cost were realized in both the PM equipment Authorized Medical Allowance List (AMAL) 637 and the PM consumable AMAL 638. Items selected for deletion were those not linked to any PM objective or task conducted in theater.

Because materiel is grouped according to objectives and tasks, this modeling approach lends itself to the creation of modular blocks of materiel required to support different types and sizes of missions. For example, the materiel in the PM AMALs could be clustered by PM function, size of mission, or arranged to support teams with various capabilities. The model can be used to sort materiel into task-organized, modular configurations that reflect different functions.

In the present study, a mission- and task-based approach was again applied to the Marine Corps PM supplies and equipment. The focus of the review was to ensure that AMALs 637 and 638 contained the medical equipment and supplies needed by the PM personnel (including PM officers [PMOs], environmental health officers [EHOs], entomologists, industrial hygienists [IHS], and PM technicians [PMT]) to provide force health protection and occupational and environmental health surveillance (OEHS) in all expeditionary environments. Guidance provided by the Marine Corps Combat Development Command (MCCDC) included modernizing the medical equipment and supplies in the PM AMALs to incorporate changes in warfighting and logistical support concepts, advances in technology, and advances in the field of preventive medicine.

OEHS assessments are conducted to determine if environmental contaminants from prior or current land use exist at deployment sites that could pose health risks to personnel. Additionally,

they are the process by which industrial facility operations, and/or commodities that if destroyed, damaged, or released could result in health risk to service members, are identified.

Currently, there are no equipment assemblages in the medical materiel sets to support the performance of the OEHS function in an expeditionary environment. This deficiency has been identified, and a Universal Needs Statement (UNS) drafted and submitted to MCCDC that proposes the addition of OEHS materiel sets to the PM AMALs (Letexier, 2000). Using the UNS as guidance, the issue of developing a materiel set to support expeditionary OEHS was specifically addressed during the PM AMAL review at Medical Logistics Company, Camp Pendleton.

Additional guidance provided by MCCDC indicated that the PM AMALs should be capable of providing the medical equipment and supplies to support all Marine Expeditionary Force (MEF) PM personnel for 60 days. The AMALs should support PM personnel working in all areas of responsibility of the MEF. Further, the PM AMAL modules should support both sustained operations ashore and sea-based operations of all Marine Air Ground Task Forces, (MAGTFs), and provide interoperability with the Navy's Forward Deployed Preventive Medicine Unit (FD-PMU). The modules should be as light and mobile as possible, and all modules should be transportable by ground vehicles and helicopters.

METHOD

Participants. Twenty-three Navy and Marine Corps PM personnel participated in the review. These subject matter experts (SMEs) were drawn from the 15 Navy/Marine Corps commands listed in Table 1. The specialties within the group consisted of 6 epidemiologists, 3 entomologists, 5 EHOs, 6 PMTs and 3 IHOs.

Table 1
Subject Matter Expert Command Representation

• 1st Medical Battalion Camp Pendleton, CA	• 1st Marine Division Camp Pendleton, CA
• 2nd Medical Battalion Camp Lejeune, NC	• 2nd Marine Division Camp Lejeune, NC
• 1st Force Service Support Group Camp Pendleton, CA	• 3rd Marine Division Okinawa, Japan
• 2nd Force Service Support Group Camp Lejeune, NC	• Marine Corps Combat Development Command, Quantico, VA
• Marine Corps Systems Command Quantico, VA	• 1st Medical Logistics Command Camp Pendleton, CA
• Environmental Preventive Med Unit-5 San Diego, CA	• 2nd Medical Logistics Command Camp Lejeune, NC
• Naval Hospital Camp Pendleton Camp Pendleton, CA	• Marine Corps Forces, Atlantic Norfolk, VA
• HQ Marine Corps Health Services Washington, D.C.	

Procedures. The first phase in development of the model required an examination of the goals or objectives of the PM mission in theater. SMEs were assembled and asked to identify the primary objectives PM personnel must achieve to successfully fulfill their mission during an operation. The basic process used to guide the identification of the requirements and the supplies for a PM capability included (1) identifying the objectives, (2) selecting the tasks required to achieve the objective, and (3) assigning the supplies required to conduct the tasks. The SMEs identified 10 primary PM objectives. The objectives and the module are shown in Table 2.

Table 2
Theater Preventive Medicine Objectives

Preventive Medicine Objective	PM Module			
	PM (M)	PM (T)	Ento	IH
1. Water Sanitation	x	x		x
2. Pest Control		x	x	x
3. Heat/Cold Injury Prevention	x	x		x
4. Disease Surveillance and Control	x	x		
5. Food Safety	x	x		
6. Field Sanitation		x		x
7. Habitability		x		x
8. Waste Management		x		x
9. Industrial Hygiene		x		x
10. Training	x	x	x	x

This process resulted in the identification of 4 PM modules: PM Maneuver (M), PM Technician (T), Entomology (Ento), and Industrial Hygiene (IH). The PM (T) module contains supplies to accomplish the majority of tasks under all objectives, excluding IH. The PM (M) module supports a small subset of the tasks contained within 5 of the 10 PM objectives listed in Table 2. The Ento module was designed to be deployed in support of a Marine Expeditionary Brigade (MEB) and MEF-sized operation into areas with endemic vector-borne disease for 30 days or more. It provides the capability to conduct large-scale vector and pest control and brings vector surveillance and identification capabilities beyond those contained in the PM (T) module. The Ento module contains materials to support a medical entomologist performing retrograde wash-down preinspections. The IH module consists of the supplies and equipment to accomplish responsibilities stated within the OEHS expeditionary mission.

After identifying the objectives, SMEs were asked to identify the tasks required to accomplish each objective. This process yielded the component tasks required to achieve each objective for each of the module types as shown in Table 3. The tasks associated with each objective were arranged in a step-by-step fashion that illustrated each of the critical elements in the process of achieving the objectives.

Table 3
Task Profiles for Preventive Medicine Objectives

		PM Module Type			
	PM Objective 1: Water Sanitation				
Task #	Task Description				
Z499	Evaluate Potential Potable Water Sources		PM (T)		
Z500	Select Potable Water Source Site		PM (T)		
Z501	Conduct Watershed Survey		PM (T)		
Z502	Conduct Superchlorination of Bulk Water Containers	PM (M)	PM (T)		
Z504	Obtain Water Sample/Conduct pH Testing	PM (M)	PM (T)		IH
Z505	Obtain Water Sample/Conduct Chlorine Testing	PM (M)	PM (T)		IH
Z506	Obtain Water Sample/Conduct Bacteriological Testing		PM (T)		
Z507	Obtain Water Sampling & Conduct Chemical Testing				IH
Z508	Conduct Chemical Agent Testing (Nerve, Mustard, Cyanide, Lewisite)		PM (T)		IH
Z790	Document/Report Inspection Results		PM (T)		IH
Z791	Make Recommendations/Troubleshoot Discrepancies		PM (T)		IH
Z792	Conduct Training		PM (T)		IH
					IH
	PM Objective 2: Pest Control				
Z540	Conduct Vector and Pest Surveillance–Dipterans			Ento	
Z541	Conduct Vector-Borne Disease Assessment		PM (T)	Ento	
Z542	Conduct Large Area Pest and Vector Control–Spraying			Ento	
Z543	Conduct Small Area Pest and Vector Control		PM (T)		
Z544	Implement Personal Protective Measures for Operators		PM (T)	Ento	IH
Z546	Conduct Pesticide Disposal/Retrograde		PM (T)		IH
Z547	Conduct Large Area Pest and Vector Control–Fogging			Ento	
Z548	Conduct Pest and Vector Identification			Ento	
Z550	Conduct Rodent and Ectoparasite Surveillance			Ento	
Z552	Supplemental Personal Insect Repellent			Ento	

Z553	Contain & Respond to Hazmat Contamination			Ento	IH
Z790	Document/Report Inspection Results		PM (T)		
Z792	Conduct Training		PM (T)		
	PM Objective 3: Heat/Cold Injury Prevention				
Z580	Monitor Heat Stress Conditions	PM (M)	PM (T)		IH
Z581	Make Work Cycle/ Duration Recommendations		PM (T)		IH
Z582	Monitor Cold Injury Conditions		PM (T)		IH
Z584	Monitor & Report Heat/Cold Stress Index				IH
Z790	Document/Support Inspection Results		PM (T)		IH
Z792	Conduct Training		PM (T)		IH
	PM Objective 4: Disease Surveillance and Control				
Z600	Screen Sick-Call Logs for Infectious Disease Cases		PM (T)		
Z601	Compile/Report Infectious Disease Statistics		PM (T)		
Z602	Conduct Patient-Tracing Interviews		PM (T)		
Z603	Establish Liaison w/ Host Nation Officials		PM (T)		
Z605	Initiate Remedial Action to Prevent Disease Recurrences		PM (T)		
Z606	Provide Recommendations on Infection Control Policy		PM (T)		
Z607	Conduct Food-Borne Illness Investigation	PM (M)	PM (T)		
	PM Objective 5: Food Safety				
Z640	Select Site of Messing and Food Storage Areas		PM (T)		
Z642	Conduct Inspections of Messing and Food Storage Areas		PM (T)		
Z643	Conduct Food Testing		PM (T)		
Z644	Evaluate Food Sourcing/Transport	PM (M)	PM (T)		
Z790	Document/Report Inspection Results		PM (T)		
Z791	Make Recommendations/Troubleshoot Discrepancies		PM (T)		
	PM Objective 6: Field Sanitation				
Z660	Make Recommendation for Camp Set-Up		PM (T)		IH
Z661	Conduct Inspections of Common Use Areas		PM (T)		IH

Z662	Conduct Inspections of Laundry/Shower Services		PM (T)		IH
Z663	Conduct Inspections of Latrines/Handwashing Sites		PM (T)		
Z790	Document/Report Inspection Results		PM (T)		IH
Z791	Make Recommendations/Troubleshoot Discrepancies		PM (T)		IH
	PM Objective 7: Habitability				
Z680	Select Berthing Site		PM (T)		IH
Z681	Conduct Inspections of Berthing Areas		PM (T)		IH
Z791	Make Recommendations/Troubleshoot Discrepancies		PM (T)		IH
	PM Objective 8: Waste Management				
Z700	Assist in Selection of Waste Disposal Sites		PM (T)		IH
Z701	Conduct Inspections of Waste Disposal Sites		PM (T)		IH
Z791	Make Recommendations/Troubleshoot Discrepancies		PM (T)		IH
	PM Objective 9: Industrial Hygiene				
Z910	Gather & Analyze Intelligence Data on Survey Area				IH
Z911	Conduct Visual Site Inspection & Record Results				IH
Z912	Develop Site Sampling Plan				IH
Z913	Map Out Site Inspection Grid				IH
Z914	Label & Record Sample Containers				IH
Z915	Prepare Appropriate Documentation & Report Results				IH
Z916	Identify & Record Site Geo Positioning Site Coordinates				IH
Z917	Implement Air Sampling Personal Protective Measures				IH
Z918	Collect & Interpret Ambient Air Sample				IH
Z919	Package & Submit Air Sample for Confirmatory/Definitive ID				IH
Z920	Implement Asbestos Sampling Personal Protective Measures				IH
Z921	Collect & Analyze Suspected Asbestos Sample				IH
Z922	Package & Submit Asbestos Sample for				IH

	Confirmatory/Definitive ID				
Z923	Implement Soil Sampling Personal Protective Measures				IH
Z924	Collect Soil Sample				IH
Z925	Package & Submit Soil Sample for Confirmatory/Definitive ID				IH
Z926	Conduct Radiological Sampling/Monitoring				IH
Z927	Implement Noise Sampling Personal Protective Measures				IH
Z928	Monitor & Assess Ambient Noise Levels				IH
Z929	Conduct Ventilation/Air Exchange Survey				IH
Z930	Package & Dispose of Hazardous Waste				IH
	PM Objective 10: Training				
Z740	Assemble Training Aids		PM (T)		
Z792	Conduct Training		PM (T)		

The next step in the process was to estimate the number of times each of the tasks for each objective would be conducted. SMEs were instructed in the parameters of the PM mission in theater, including size of the mission (MEB, MEF, Marine Expeditionary Unit [MEU]). While transportation assets are not part of the PM table of equipment, access to vehicles was considered essential due to the nature of PM responsibilities (e.g., vehicle-mounted spraying, centralized water testing, food-sourcing inspections). Using these parameters as a guide, SMEs estimated the frequency of each task in a worst-case situation. The responses from each SME were combined and consensus achieved to yield a final estimate for each task.

The frequencies of task accomplishment were combined with the other variables of the model (PM objectives, tasks, supplies) to derive projections of the quantity of each consumable to stock in the proposed PM modules. For each task, the quantity of consumable materiel required to conduct the task a single time was multiplied by the number of times the task was estimated to be accomplished within the number days of an operation. The quantities of each consumable were then summed for each of the tasks identified in the PM objectives. This process yielded a total quantity of materiel required for each consumable item.

The final step in the process required determining the best mix of supplies to conduct each of the tasks. SMEs examined each task and assigned the supplies most suitable to the completion of that task. Items currently in the AMALs were used, when appropriate, before new supply items were brought into the system. Whenever possible, new items were selected from the pool of joint service-approved items provided by the Joint Readiness Clinical Advisory Board. New items were added when either an identified mission requirement was not being met with current materiel, or when upgrades in technology or reductions in weight and cube were indicated.

RESULTS AND DISCUSSION

Preventive Medicine (M) Module

The proposed PM (M) module has been configured to accomplish a subset of the PM objectives using a minimum of supplies. They include water sanitation, heat/cold injury prevention, disease surveillance and control, and food safety. Senior corpsmen perform tasks related to chlorinating water containers, testing water, monitoring heat-stress conditions, conducting food-borne illness investigation, and evaluating food sourcing and transport. The supplies required to accomplish each of these tasks one time are listed in Appendix A. Items such as a wet bulb global temperature (WBGT) meter for quick, precise measures of heat stress and a digital thermometer for measuring food temperatures have been added to upgrade mission capabilities and improve safety.

Appendix B shows the proposed list of consumables and equipment items for PM (M). Each item in the list is referenced with its National Stock Number (NSN), item description, quantity required, unit weight, unit cube, and unit cost.

Preventive Medicine (T) Module

The proposed PM (T) module is the largest of the 4 modules and was configured to support all of the PM objectives listed in Table 3 except IH. New supplies available to upgrade or improve the capabilities of PMTs, PMOs, and EHOs include the items added to the PM (M) module as well as an aspirator for specimen collection, a battery-powered incubator, a medical bag, and more than 20 other items. Appendix C shows the supply quantities required to accomplish each task once for the 9 PM objectives supported in this module.

Appendix D shows the proposed list of consumables and equipment items. Each item in the list is referenced with its NSN, item description, quantity required, unit weight, unit cube, and unit cost.

Entomology

The proposed Ento module received the largest number of updates to improve functioning and upgrade mission capabilities. Forty items were added to or replaced other items in this module. Examples include bee suits, cups and vials for specimen collection, mosquito breeders and attractants, portable eyewashes, and tools such as gap gauges. Appendix E shows the supply quantities required to accomplish each task once for the Ento objectives addressed in the Ento module.

Appendix F shows the proposed list of consumables and equipment items. Each item in the list is referenced with its NSN, item description, quantity required, unit weight, unit cube, and unit cost.

The Ento module, however, does not provide the capability to perform specific disease assays on arthropod and rodent specimens beyond hand-held “dipstick” assays and does not support the collection of arthropods and rodents for disease testing.

The Ento module was designed to be located with the Force Service Support Group (FSSG), but could be requested by the Division and the Wing. Further, it was designed to be integrated with 3 PMT modules and staffed by 1 medical entomologist and 3 PMTs, and it requires the support of 1 vehicle.

Industrial Hygiene (IH) Module

The proposed IH module represents an addition of 74 items to correct the supply deficit for IHs addressed in the UNS draft. It also includes the retention of 14 items from the current 637/638 AMALs that are now employed for this module. The OEHS mandate is accomplished in part with the addition of over 20 different chemical and gas test kits, as well as numerous ancillary items. Other environmental assays are supported with additions, such as wind and radiation measurement devices, Global Positioning System (GPS) units, and digital cameras. Appendix G shows the supply quantities required to accomplish each task once for the IH objectives addressed by each of the 4 modules.

The primary IH responsibilities, as seen in Table 3, include ambient air monitoring, asbestos testing, soil sampling, radiological monitoring, chemical water testing, heat/cold index monitoring, ambient noise monitoring, and ventilation and air exchange monitoring. Although not clearly indicated within Table 3, OEHS also has a mandate for Chemical, Biological, Radiation, Nuclear and Environmental (CBRNE) duties. Due to OEHS being a new requirement for the Marine Corps, a significant portion of the materiel set is composed of items new to the inventory. In the instances where a new item has been required, a manufacturer and part number were identified. Appendix H lists the items proposed for the OEHS capability and the quantities required to perform the mission.

Appendix H shows the proposed list of consumables and equipment items. Each item in the list is referenced with its NSN, item description, quantity required, unit weight, unit cube, and unit cost.

Deployment Overview

The new modularization of PM allows for reconfiguration to more closely match the deployment requirement. Table 4 demonstrates the number of modules necessary to deploy in various operational scenarios.

Table 4
Number and Type of Preventive Medicine Modules by Concept of Employment

Table 4A. Marine Expeditionary Unit (MEU) — 2200 PAR

	PM (Maneuver)	PM (Technician)
MEU Command	1	
BLT	4	1
MSSG	2	1
ACE	2	
Total	9	2

Note. PAR, Patients at Risk; BLT, Battalion Landing Team, MSSG, MEU Service Support Group; ACE, Air Combat Element.

Table 4B. Marine Expeditionary Brigade (MEB) — 3 BLTs

	PM (Maneuver)	PM (Technician)
MEB HQ	2	1
BLT	12	3
MSSG	6	3
MWSS	6	1
Total	26	8

Note. MWSS, Marine Wing Support Squadron.

Table 4C. Marine Expeditionary Force (MEF)

	PM (Maneuver)	PM (Technician)	Ento	IH
MEF HQ	4	1		
Division	24	6		
FSSG	18	9	1	1
MWSS	12	2		1
Total	58	18	1	1

Note. The MEF AMAL numbers would be multiplied by 3 to cover I, II, and III MEFs. Table of Equipment distribution: The total for the MEF should cover every deployment, when all have to go out they become an MEF. FSSG, Force Support Service Group.

CONCLUSIONS

Using the mission-objective, task-oriented approach presented in this study yielded 4 efficient, highly capable PM blocks. This effort to validate the MEF PM materiel provided an opportunity to both enhance standardization between the PM blocks and the remaining MEF blocks and to advance the goals of joint standardization of materiel across the services. The effort to enhance standardization should also be injected into the development process of new assemblages of materiel. For example, there is significant overlap between the objectives of the MEF PM mission and that of the proposed FD-PMU. While the FD-PMU has a more extensive mission than that of the MEF PM unit and a significantly expanded range of staff support, standardization could be applied to the core objectives, resulting in substantial benefits. If the process of standardization could be achieved between the FD-PMU and the MEF assemblages, both units would be fully capable of supporting each other because of the interchangeability of the materiel. Because the mission of both units could be enhanced by standardization, FD-PMU component managers should continue to work closely with MEF personnel to ensure compatibility between both assemblages.

Central to the PM mission are the administrative tasks of assembling data, documenting findings, plotting trends, and recording results. Historically, the gear stocked in the PM AMALs used to support these requirements has been limited to paper-and-pencil methods. It is recognized that this is no longer sufficient. Capability in conducting administrative tasks must be enhanced to include the tools currently used by PM practitioners in garrison. This includes laptop computers; epidemiological software, such as the Field Medical Surveillance System, the MEDIC catalog, and spreadsheet applications; printers; and communications equipment (Defense Intelligence Agency, 1998; Letexier, 2000). While the solution appears evident, a resolution to this problem was not successfully achieved in the current study. Because the automated information technology required becomes obsolete so rapidly, it is impractical to store it in the AMALs, and therefore, the current methods remain. It is recommended that this issue remain open until an adequate solution is achieved.

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Appendix A

Preventive Medicine Maneuver (M) Tasks & Supply Requirements

Water Sanitation

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z502	CONDUCT SUPERCHLORINATION OF BULK WATER CONTAINERS	NSN	6840002424770	CALCIUM HYPOCHLORITE TECHNICAL GRANULAR 3.75 LB	4.00	OZ
			6630010124093	TEST PAPER CHLORINE DETERM STRIP 10s	4.00	IN
Z504	OBTAIN WATER SAMPLE/CONDUCT pH TESTING	NSN	6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1.00	EA
		NSN	6810010512815	P-PHENYLENEDIAMINE REAGENT TABLET 250S	2.00	TB
Z505	OBTAIN WATER SAMPLE/CONDUCT CHLORINE TESTING	NSN	6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1.00	EA
		NSN	6810010512815	P-PHENYLENEDIAMINE REAGENT TABLET 250S	2.00	TB

Heat/Cold Injury Prevention

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z580	MONITOR HEAT STRESS CONDITIONS	NSN	6625014789030	WBGT METER (QUEST) 34 MONITOR HEAT STRESS WBGT	1	EA
		NSN	PENDING_PM4	WATER DEIONIZED 1000ML BT (100ML/DY)	100	ML
		QUEST	PN: 56 679	WICKS MONITOR HEAT STRESS WBGT QUESTEMP 34 10S	0.25	EA

Disease Surveillance & Control

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z607	CONDUCT FOOD-BORNE ILLNESS INVESTIGATION	NSN	6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100	1	EA
		NSN	7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	1	EA
		NSN	7520013964722	MARKER BLACK PERM ULTRA FINE PT SHARPIE 12S	0.05	EA

Food Safety

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z644	EVALUATE FOOD SOURCING AND TRANSPORT	DELTATRAK	PN: 12201	THERMOMETER FOOD TESTING DIGITAL DELTATRAK	1	EA

Appendix B

Equipment & Consumables PM (M) Module List

PM Maneuver Equipment

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1	EA	2.30	0.21	\$110.85
PN: 12201	THERMOMETER FOOD TESTING DIGITAL DELTATRAK	1	EA	0.02	0.10	\$8.55
6625014789030	WBGT METER (QUEST) 34 MONITOR HEAT STRESS WBGT	1	EA	5.75	1.15	\$1,019.15

PM Maneuver Consumables

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6840002424770	CALCIUM HYPOCHLORITE TECHNICAL GRANULAR 3.75 LB 12S	0.25	PG	45.00	0.25	\$86.75
6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100	0.25	PG	6.00	1.40	\$11.03
7530009820066	LABEL PRESSURE 3.5IN x 1.125 WHITE 248S	0.1	PG	4.10	0.24	\$1.00
7520013964722	MARKER BLACK PERM ULTRA FINE PT SHARPIE 12S	1	PG	0.40	0.00	\$14.27
6810010512815	P-PHENYLENEDIAMINE REAGENT TABLET 250S	1	BX	0.20	0.01	\$41.73
6630010124093	TEST PAPER CHLORINE DETERM STRIP 10s	1	PG	0.50	0.01	\$42.75
PENDING_PM4	WATER DEIONIZED 1000ML BT (100ML/DY)	5	EA	0.35	0.03	\$4.50
PN: 56 679	WICKS MONITOR HEAT STRESS WBGT QUESTEMP 34 10S	1	EA	0.01	0.01	7.75

Appendix C

Preventive Medicine Technician (T) Tasks & Supply Requirements

Water Sanitation

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
Z499	EVALUATE POTENTIAL POTABLE WATER SOURCES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z500	SELECT POTABLE WATER SOURCE SITE		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z501	WATERSHED SURVEY		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z502	CONDUCT SUPERCHLORINATION OF BULK WATER CONTAINERS		7920002407174	BRUSH SCRUB 4X8IN	1	EA
			6840002424770	CALCIUM HYPOCHLORITE TECHNICAL GRANULAR 3.75 LB	4	OZ
			7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1	EA
			7510002236706	CHALK MARKING WHITE 144S	1	EA
			8415010137384	GLOVES CHEMICAL & OIL PROTEC COTT 11 13"	1	PR
			8415010129294	GLOVES CHEMICAL & OIL PROTECT COTT 9 13"	1	PR
			8415011382504	GLOVES CHEMICAL PROTECTIVE	1	PR
			4240001906432	GOGGLES INDUSTRIAL PL HBB LENS D2 FRAME	1	PR
			7240001387984	MEASURE LIQUID PLASTIC 16OZ CAPACITY	1	EA
			7240002461097	PAIL UTILITY PLASTIC OR RUBBER 3 GAL	1	EA
			9905012822285	TAPE PERIMETER WARNING BLACK ON YELLOW 3INX200FT RL	0.15	RL
			6630010124093	TEST PAPER CHLORINE DETERM STRIP 10s	4	IN
			7920007218884	TOWEL PAPER 5"x40" 240S	10	EA
			5120002704309	WRENCH PIPE ADJUSTABLE HEAVY-DUTY 36IN 3.5IN OPENING	1	EA
Z504	OBTAIN WATER SAMPLE/CONDUCT pH TESTING		6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1	EA
			6810010512815	P-PHENYLENEDIAMINE REAGENT TABLET 250S	2	TB
Z505	OBTAIN WATER SAMPLE/CONDUCT CHLORINE TESTING		6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1	EA
			6810010440315	DPD TABLETS # 1 100S	2	TB
Z506	OBTAIN WATER SAMPLE/CONDUCT BACTERIOLOGICAL TESTING		6515009051473	APPLICATOR PLASTIC/WOOD ROD 6" LG STERILE DISP 2000S	2	EA
			6640011536786	BAG WATER SAMPLE WITH SODIUM THIOSULFATE	1	EA
			6135009857845	BATTERY NONRECHARGABLE 1.5V ANSI SZ L40 24S	3	EA
			6210014493170	BULB ULTRAVIOLET 6 INCH 4 WATT 1S	0.05	EA
			6640014392807	INCUBATOR BACTERIOLOGICAL INTEGRAL - BATTERY POWERED	1	EA
			7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	2	EA
			6530014515144	LIGHT ULTRAVIOLET PORTABLE BATTERY OPERATED (Uses 3-AA)	1	EA
			7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	1	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
(Z506)	(OBTAIN WATER SAMPLE/CONDUCT BACTERIOLOGICAL TESTING)		7105007271091	TABLE FOLDING LEGS LAB 72x20x30" STY AR4	1	EA
			5970004193164	TAPE INSULATION ELECTRICAL 108FT	0.05	RL
			6640012082383	BAG WATER TEST COLLILERT W/O SOD THIO 500S	1	EA
			6685000108366	THERMOMETER SELF INDICATING BIMETALLIC	1	EA
			6505014624373	WATER FOR IRRIGATION STERILE USP 1000 ML BOTTLE 16S	0.2	BT
			6630013628299	WATER SAMPLING TEST REAGENT COLIFORM 200S	1	EA
Z508	CONDUCT CHEMICAL AGENT TESTING (NERVE/MUSTARD/CYANIDE/LEWISITE)		7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1	PG
			6665011340885	WATER TEST KIT CHEMICAL AGENTS	1	EA
Z790	DOCUMENT/REPORT INSPECTION RESULTS		7520002815918	CLIP BOARD FILE 9X12 1/2	1	EA
			7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
			7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	1	EA
Z791	MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPANCIES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Pest Control

TASK	TASKDESCRIPTION	MANUFACTURER	NSN	NOMENCLATURE	QTY	UM
Z541	CONDUCT VECTOR AND PEST SURVEILLANCE – GENERAL		3740014542256	ASPIRATOR ORAL	1.00	EA
			8465014675056	BAG MEDICAL MODULE MEDICAL MOLLE W/O SUPPLIES W/8 POCKETS	1.00	EA
			6140004320490	BATTERY STORAGE 6V 5 YEAR SHELF LIFE	1.00	EA
			3740014542341	DIPPER, ENTOMOLOGICAL, WHITE PLASTIC 5" DIA W/3" HANDLE	1.00	EA
			6230002648261	FLASHLIGHT 8.5INx2.25IN DIA 3DC VOLT PLAS	1.00	EA
			6515012064688	FORCEPS EYE JEWELER CURVED FINE PT 110MM LG	1.00	EA
			5110013218805	KNIFE POCKET BT/LCAN OPEN/NDLE NOSE/WIRE CUT	1.00	EA
			6530014515144	LIGHT ULTRAVIOLET PORTABLE BATT OP (Uses Bulb 3170)	1.00	EA
			6150011768446	POWER STRIP ELECTRICAL OUTLET 13IN LG 120V	1.00	EA
			6515003655200	SCISSORS STRABISMUS 4IN LG STRAIGHT BLADE	1.00	EA
			3740014575527	TRAP MOSQUITO LIGHT BATTERY POWERED 6V	1.00	EA
			6505001050000	ALCOHOL DEHYDRATED USP 1 PT (473 ML) BT	4.00	ML
			6530011031305	BOTTLE SAFETY CAP PLASTIC T&C 16DR 100S	10.00	EA
			6210014493170	BULB ULTRAVIOLET 6 INCH 4 WATT	0.01	EA
			6130006297396	CHARGER BATTERY 6V ELECTRIC LANTERN w/CASE	1.00	EA
			6840014124634	INSECTICIDE D-PHENO	6.00	OZ
			7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	5.00	EA
			6505001336000	MINERAL OIL USP 1QT OR 946ML	2.00	ML
			5640001032254	TAPE DUCT PLAS COATED SILVER ROLL 2INx60YD	0.02	RL

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
(Z541)	(CONDUCT VECTOR AND PEST SURVEILLANCE – GENERAL)		5970004193164	TAPE INSULATION ELECTRICAL 108FT 1S	0.01	RL
			3740010961632	TRAP INSECT PAPER BOARD STICKY ATTRACTANT 24S	4.00	EA
Z543	CONDUCT SMALL AREA PEST AND VECTOR CONTROL		7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1.00	EA
			6640008897091	CYLINDER GRADUATED LAB PLAST SZ 6 375 MM	1.00	EA
			3740014562623	FOGGER, HAND HELD, GASOLINE ENGINE, ULV, CLARKE P1	1.00	EA
			7240005279868	FUNNEL, GALVANIZED STEEL	1.00	EA
			5120004941911	PLIER WRENCH VISE GRIPS w/CUTTER 8.5IN LG	1.00	EA
			3740014630147	SPRAYER DUSTER, PESTICIDE, BACKPACK, STIHL MODEL SR400	1	EA
			3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED	1.00	EA
			5110013218805	KNIFE POCKET BTU/CAN OPEN/NDLE NOSE/WIRE CUT	1.00	EA
			5120002405328	WRENCH ADJUSTABLE OVAL 215 OPEN END 8IN	1.00	EA
			6840013836251	INSECTICIDE CYFLUTHRIN (TEMPO 20 WP)	3.00	PK
			6840014124634	INSECTICIDE D-PHENO	12.00	OZ
			6840011040780	INSECTICIDE PYRETHRINS, 3% PYRETHRINS W/ SYNERGISTS 1 GAL CAN 10S	1.00	OZ
			6840011837244	INSECTICIDE FLY BAIT 5 LB	16.00	OZ
			9150001178791	OIL 2-CYCLE LUBRICATING PT	0.50	PT
			5970004193164	TAPE INSULATION ELECTRICAL 108FT 1S	0.01	RL
			3740010961632	TRAP INSECT PAPER BOARD STICKY ATTRACTANT 24S	4.00	EA
Z544	IMPLEMENT PERSONAL PROTECTIVE MEASURES FOR OPERATORS		4240007593290	AURAL PROTECTOR SOUND EAR MUFF HEADPAD	1.00	PR
			8430002412780	BOOTS HIP 34"HI SZ 10 BUCKLE/STRAP RUBBR	1.00	PR
			8430002412781	BOOTS HIP 34"HI SZ 11 BUCKLE/STRAP RUBBR	1.00	PR
			8430002412782	BOOTS HIP 34"HI SZ 12 BUCKLE/STRAP RUBBR	1.00	PR
			8415010137384	GLOVES CHEMICAL & OIL PROTEC COTT 11	1.00	PR
			8415010129294	GLOVES CHEMICAL & OIL PROTECT COTT 9	1.00	PR
			8415011382504	GLOVES CHEMICAL PROTECTIVE 13	1.00	PR
			4240001906432	GOGGLES INDUSTRIAL PL HBB LENS D2 FRAME	1.00	PR
			4240012465407	CARTRIDGE RESPIRATOR AIR FILTERING 10S	0.15	EA
			PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG - CAMO COLORED	1.00	EA
			PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD - CAMO COLORED	1.00	EA
			PENDING_PM8	COVERALLS TYVEKW/HOOD, BOOTIES XLG - CAMO COLORED	1.00	EA
			4240013891750	RESPIRATOR AIR FILTERING 40 PER PACKAGE	0.03	EA
			6515001376345	PLUG EAR NOISE PROTECT UNIV SZ FOAM 400S	1.00	PR
			4240012465401	RESPIRATOR MASK SMALL/MED 10S	0.05	EA
			4240012465404	RESPIRATOR AIR FILTER MASK MED/LARGE HEPA 10S	0.20	EA
			4240012350823	RETAINER CARTRIDGE FOR 3M RESPIRATOR ONLY 10S	0.15	EA
Z549	TRAP/CONTAIN LARGE ANIMAL/REPTILE		3740014232471	POLE ANIMAL RESTRAINT	1.00	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
Z790	DOCUMENT/REPORT INSECTION RESULTS		7520002815918	CLIP BOARD FILE 9X12 1/2	1.00	EA
			7510001616215	RULER WOOD W/BEVEL 12" SING METAL EDGING	1.00	EA
			7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1.00	PG
			7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
			7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
			7520013964722	PENS SHARPIE HEAT/MOISTURE RESISTANT BLACK FINE PT	0.01	EA
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1.00	XX

Heat/Cold Injury Prevention

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z580	MONITOR HEAT STRESS CONDITIONS		PENDING_PM2	P5010 CHAPTER 3	1	EA
			6625014833930	TRIPOD FOR WBGT METER - QUESTEMP 34	1	EA
			6625014789030	WBGT METER (QUEST) 34 MONITOR HEAT STREEE WBGT	1	EA
			PENDING_PM4	WATER DEIONIZED 1000ML BT (100ML/DY)	100	ML
		QUEST	PN: 56 679	WICKS MONITOR HEAT STRESS WBGT QUESTEMP 34 10S	0.25	EA
Z581	MAKE WORK CYCLE/WORK DURATION RECOMMENDATIONS	NSN	8345012374077	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST BLACK	1	EA
		NSN	8345012374080	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST GREEN	1	EA
		NSN	8345012374078	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST RED	1	EA
		NSN	8345012374079	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST YELLOW	1	EA
		NSN	4020011111766	CORD TRACTION BRAIDED .1875IN #6	5	FT
Z582	MONITOR COLD INJURY CONDITIONS		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z790	DOCUMENT/REPORT INSECTION RESULTS	NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1	PG
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	1	EA
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Disease Surveillance & Control

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z600	SCREEN SICK-CALL LOGS FOR INFECTIOUS DISEASE CASES	NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	2.00	PG
		NSN	7520002815918	CLIP BOARD FILE 9X12 IN	1.00	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
		APHA	0 87553 182 2	CONTROL OF COMMUNICABLE DISEASES MANUAL 17TH EDITION (ISBN 0 87553 182 2)	1.00	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
Z601	COMPILE/REPORT INFECTIOUS DISEASE STATISTICS	NSN	7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1.00	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	2.00	PG
Z602	CONDUCT PATIENT TRACING INTERVIEWS	NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1.00	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z603	ESTABLISH CONTROL LIAISON w/HOST NATION OFFICIALS	NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1.00	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1.00	PG
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z605	INITIATE REMEDIAL ACTION TO PREVENT RECURRENCES	NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1.00	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1.00	PG
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z606	PROVIDE RECOMMENDATIONS ON INFECTION CONTROL POLICY		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1.00	XX
Z607	CONDUCT FOOD-BORNE ILLNESS INVESTIGATION	NSN	7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1.00	EA
		NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1.00	EA
		APHA	0 87553 182 2	CONTROL OF COMMUNICABLE DISEASES MANUAL 17TH EDITION (ISBN 0 87553 182 2)	1.00	EA
		DOWNLOAD_CDC	NO ACTION	INTERVIEW MATERIALS DOWNLOAD FORMS FROM CDC WEBSITE (PROCURE IN THEATER)	1.00	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1.00	PG
		NSN	6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 4.5OZ 100S	5.00	EA
		NSN	6515003245500	DEPRESSOR TONGUE WOOD 6x.75IN STR 100S	5.00	EA
		NSN	7530009820066	LABEL PRESSURE WHITE 1.25 Wtx3.5 IN LG 248S	5.00	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET 12S	0.01	EA
		NSN	7530002866915	PAPER GRAPH ENGINEERING 8.5x11IN RULED 100S	0.02	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Food Safety

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z640	SELECT SITE OF MESSING & FOOD STORAGE AREAS & DETERMINE EMPLOYMENT OF FOOD EQUIP		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z642	CONDUCT INSPECTIONS OF MESSING & FOOD STORAGE AREAS	NSN	6230002648261	FLASHLIGHT 8.5INx2.25IN DIA 3DC VOLT PLAS	1	EA
		NSN	6135008357210	BATTERY NONRECHARGABLE 1.5V CELL D 12S	0.1	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z643	CONDUCT FOOD TESTING	NSN	7510001616215	RULER WOOD W/BEVEL 12" SING METAL EDGING	1	EA
		DELTATRAK	PN: 12201	THERMOMETER FOOD TESTING DIGITAL DELTATRAK	1	EA
		NSN	6510007863736	PAD PREP ISOPROPYL ALCOHOL IMPREG 1x2.5IN 10Z	2	EA
Z644	EVALUATE FOOD SOURCING AND TRANSPORT	DELTATRAK	PN: 12201	THERMOMETER FOOD TESTING DIGITAL DELTATRAK	1	EA
		NSN	6510007863736	PAD PREP ISOPROPYL ALCOHOL IMPREG 1x2.5IN 10Z	2	EA
Z790	DOCUMENT/REPORT INSPECTION RESULTS	NSN	7520002815918	CLIP BOARD FILE 9X12 1/2	1	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1	PG
		NSN PENDING	0105LF2062400	NAVMED 6240/1 FOOD SERVICE 100S	2	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z791	MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPANCIES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Common Area Sanitation

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z660	MAKE RECOMMENDATIONS FOR CAMP SETUP		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z661	CONDUCT INSPECTIONS OF COMMON USE AREAS		XXXXXXXXXX9	VISUAL TASK-NO ASSIGNED SUPPLIES	1	XX
Z662	CONDUCT INSPECTIONS OF LAUNDRY/SHOWER SERVICES		XXXXXXXXXX9	VISUAL TASK-NO ASSIGNED SUPPLIES	1	XX
Z663	CONDUCT INSPECTIONS OF LATRINES/HANDWASHING SITES		XXXXXXXXXX9	VISUAL TASK-NO ASSIGNED SUPPLIES	1	XX
Z790	DOCUMENT/REPORT INSPECTION RESULTS	NSN	7520002815918	CLIP BOARD FILE 9x12IN	1	EA
		NSN	7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES	1	PG
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z791	MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPANCIES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Habitability

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z680	SELECT BERTHING SITE		XXXXXXXXXX9	VISUAL TASK-NO ASSIGNED SUPPLIES	1	XX

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z681	CONDUCT INSPECTIONS OF BERTHING AREAS	NSN	6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT PLAS	1	EA
		NSN PENDING	PENDING_PM3	NAVMED P5010 MANUAL OF NAVAL PREVENTATIVE MEDICINE CHAPTER 9	1	EA
		NSN	6135008357210	BATTERY NONRECHARGABLE 1.5V CELL D 12S	0.1	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z791	MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPANCIES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Waste Management

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z700	ASSIST IN SELECTION OF WASTE DISPOSAL SITES	NSN	6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT RATING	1	EA
		NSN PENDING	PENDING_PM3	NAVMED P5010 MANUAL OF NAVAL PREVENTATIVE MEDICINE CHAPTER 9	1	EA
		NSN	6135008357210	BATTERY NONRECHARGABLE 1.5V CELL D 12S	0.1	EA
		NSN	7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	0.01	EA
		NSN	7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	0.01	EA
Z701	CONDUCT INSPECTIONS OF WASTE DISPOSAL SITES		XXXXXXXXXXX9	VISUAL TASK-NO ASSIGNED SUPPLIES	1	XX
Z791	MAKE RECOMMENDATIONS/TROUBLESHOOT DISCREPANCIES		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Training

TASK	TASK DESCRIPTION	MANUFACTURER	NSN/PART #	NOMENCLATURE	QTY	UM
Z740	ASSEMBLE TRAINING AIDS	NSN	7520014244845	EASEL DISPLAY & TRAINING W/GREEN CHALKBOARD 40INX29X70	1.00	EA
		NSN PENDING	PENDING_PM3	NAVMED P5010 MANUAL OF NAVAL PREVENTATIVE MEDICINE CHAPTER 9	1.00	EA
		APHA	0 87553 182 2	CONTROL OF COMMUNICABLE DISEASES MANUAL 17TH EDITION (ISBN 0 87553 182 2)	1.00	EA
		NSN	7510002236706	CHALK MARKING WHITE 144S	0.01	EA
		NSN	6840012781336	INSECT REPELLENT CLOTHING 602 12S	1.00	CN
		NSN	7520009731059	MARKER TUBE TYPE FELT CHISEL BLACK 12S	0.10	EA
		NSN	7520009731060	MARKER TUBE TYPE FELT CHISEL BLUE 12S	0.10	EA
		NSN	7520009731061	MARKER TUBE TYPE FELT CHISEL GREEN 12S	0.10	EA
		NSN	7520009731062	MARKER TUBE TYPE FELT CHISEL RED 12S	0.10	EA
		NSN	7530006198880	PAD WRITING UNRULED TURN SHEET 34INX27 WHITE 50 SHEETS 1S	0.02	EA
Z792	CONDUCT TRAINING		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX

Appendix D

Equipment & Consumables PM (T) Module List

PM Technician Equipment

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
3740014542256	ASPIRATOR ORAL ENTOMOLOGY SPECIMEN COLLECTION WITH FILTER	1	EA	1.00	1.00	\$45.82
4240007593290	AURAL PROTECTOR SOUND EAR MUFF HEADPAD	1	EA	1.02	0.13	\$11.21
8465014675056	BAG MEDICAL MODULE MEDICAL MOLLE W/O SUPPLIES W/8 POCKETS	1	EA	3.55	0.32	\$161.06
8430002412780	BOOTS HIP 34"HI SZ 10 BUCKLE/STRAP RUBBR	1	PR	7.40	0.59	\$49.95
8430002412781	BOOTS HIP 34"HI SZ 11 BUCKLE/STRAP RUBBR	1	PR	8.00	0.52	\$49.95
8430002412782	BOOTS HIP 34"HI SZ 12 BUCKLE/STRAP RUBBR	1	PR	8.30	0.58	\$49.95
7920002407174	BRUSH SCRUB 4X8IN	1	EA	0.56	0.00	\$1.57
7420011828535	CALCULATOR ELECTRONIC SOLAR CELL 8 DIGIT (moved from 638)	1	EA	1.15	0.15	\$12.49
6130006297396	CHARGER BATTERY 6V ELECTRIC LANTERN w/CASE (mosquito trap /moved from 638)	3	EA	1.00	0.13	\$67.79
7520002815918	CLIP BOARD FILE 9X12.5IN COMPOSITION BOARD BACK 1S	1	EA	0.01	0.01	\$1.53
6630010273914	COMPARATOR COLOR CHLORINE & PH DETERMINATION	1	EA	2.30	0.21	\$110.85
0 87553 182 2	CONTROL OF COMMUNICABLE DISEASES MANUAL 17TH EDITION (ISBN 0 87553 182 2)	1	EA	1.00	0.10	\$50.00
6640008897091	CYLINDER GRADUATED LAB PLAST SZ 6 375 MM	1	EA	0.79	0.12	\$3.79
3740014542341	DIPPER, ENTOMOLOGICAL, WHITE PLASTIC 5" DIA W/3' HANDLE	1	EA	1.00	1.00	\$18.09
7520014244845	EASEL DISPLAY & TRAINING W/GREEN CHALKBOARD 40INX29X70	1	EA	10.00	0.01	\$121.38
8345012374077	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST BLACK	1	EA	2.25	0.25	\$15.20
8345012374080	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST GREEN	1	EA	2.25	0.25	\$15.20
8345012374078	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST RED	1	EA	2.25	0.25	\$25.65
8345012374079	FLAG SIGNAL NYLON 6FT FLY 4FT HOIST YELLOW	1	EA	2.25	0.25	\$15.70
6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT PLAS	1	EA	0.10	0.00	\$4.94
3740014562623	FOGGER, HAND HELD, GASOLINE ENGINE, ULV, CLARKE P1	1	EA	0.00	0.00	\$2,259.00
6515012064688	FORCEPS EYE JEWELER CURVED FINE PT 110MM LG	1	EA	2.00	0.00	\$15.44
7240005279868	FUNNEL GALVANIZED STEEL	1	EA	0.01	0.01	\$2.83
8415011382504	GLOVES CHEMICAL & OIL PROTECTIVE SZ 13	1	EA	0.12	0.10	\$9.95
8415010129294	GLOVES CHEMICAL & OIL PROTECTIVE SZ 9	1	PR	0.35	0.03	\$1.50
8415010137384	GLOVES CHEMICAL & OIL PROTECTIVE SZ 11	1	PR	0.20	0.10	\$1.50
4240001906432	GOGGLES INDUSTRIAL PL HBB LENS D2 FRAME	2	PR	1.00	1.00	\$1.32
6640014392807	INCUBATOR BACTERIOLOGICAL INTEGRAL BATTERY POWERED	1	EA	20.00	1.00	\$1,425.00
6530014515144	LIGHT ULTRAVIOLET PORTABLE BATTERY OPERATED	1	EA	1.25	0.25	\$28.00
7240001387984	MEASURE LIQUID PLASTIC 16OZ CAPACITY	1	EA	0.10	0.01	\$1.61
PENDING_PM2	NAVMED P5010 MANUAL OF NAVAL PREVENTATIVE MEDICINE CHAPTER 3	1	EA	0.01	0.00	\$0.01
PENDING_PM3	NAVMED P5010 MANUAL OF NAVAL PREVENTATIVE MEDICINE CHAPTER 9	1	EA	0.01	0.00	\$0.01
7240002461097	PAIL UTILITY PLASTIC OR RUBBER 3 GAL	1	EA	1.00	0.00	\$3.14
5120004941911	PLIER WRENCH VISE GRIPS w/CUTTER 8.5IN LG	1	EA	1.20	0.01	\$6.96
3740014232471	POLE ANIMAL RESTRAINT	1	EA	1.25	0.25	\$124.96
6150011768446	POWER STRIP ELECTRICAL MULTIPLE OUTLET 120V	1	EA	0.10	0.00	\$15.29
4240012465404	RESPIRATOR AIR FILTER MASK MED/LARGE HEPA 10S	1	BX	0.55	0.01	\$150.00

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
4240012465401	RESPIRATOR MASK SMALL/MED 10S	1	BX	0.15	0.25	\$150.12
7510001616215	RULER WOOD W/BEVEL 12" SING METAL EDGING	1	EA	0.04	0.00	\$0.48
6515003655200	SCISSORS STRABISMUS 4IN LG STRAIGHT BLADE	1	EA	0.07	0.00	\$16.83
3740014630147	SPRAYER DUSTER, PESTICIDE, BACKPACK, STIHL MODEL SR400	1	EA	24.00	3.27	\$774.43
3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED PUMP TYPE	2	EA	11.00	2.10	\$155.14
7105007271091	TABLE FOLDING LEGS LABORATORY	1	EA	30.00	1.25	\$595.48
PN: 12201	THERMOMETER FOOD TESTING DIGITAL DELTATRAK	1	EA	0.02	0.01	\$8.55
6685000108366	THERMOMETER SELF INDICATING BIMETALLIC	1	EA	0.13	0.02	\$7.25
5110013218805	TOOL MULTI FUNCTION POCKET LEATHERMAN	1	EA	0.55	0.02	\$42.03
3740014575527	TRAP MOSQUITO LIGHT BATTERY POWERED 6V	3	EA	0.55	0.12	\$184.68
6625014833930	TRIPOD MONITOR HEAT STRESS WBGT QUESTEMP 34	1	EA	12.00	1.12	\$160.00
6665011340885	WATER TEST KIT CHEMICAL AGENTS	1	EA	28.00	0.15	\$235.10
6625014789030	WBGT METER (QUEST) 34 MONITOR HEAT STRESS WBGT	1	EA	5.75	1.15	\$1,019.15
5120002405328	WRENCH ADJUSTABLE OVAL 215 OPEN END 8IN	1	EA	0.10	0.00	\$12.26
5120002704309	WRENCH PIPE ADJUSTABLE HEAVY DUTY 36IN 3.5IN OPENING	1	EA	0.01	0.00	\$75.69

PM Technician Consumables

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6505001050000	ALCOHOL DEHYDRATED USP 1 PT (473 ML) BT	1	BT	1.71	0.08	\$1.43
6515009051473	APPLICATOR PLASTIC/WOOD ROD 6" LG STERILE DISP 2000S	0.05	PG	0.65	0.65	\$19.40
6640012082383	BAG WATER TEST COLLILERT W/O SOD THIO 500S	0.2	PG	1.15	0.15	\$47.87
6640011536786	BAG WATER SAMPLE WITH SODIUM THIOSULFATE 100S	1	PG	0.90	0.07	\$21.39
6135009857845	BATTERY NONRECHARGABLE 1.5V AA 24S	1	PG	0.10	0.00	\$5.44
6135008357210	BATTERY NONRECHARGABLE 1.5V CELL D 12S	1	PG	3.50	0.03	\$9.84
6140004320490	BATTERY STORAGE ELECTROLYTE 6V 1S (Use w/mosquito trap)	6	EA	2.60	0.16	\$18.11
7530002223525	BOOK MEMORANDUM 10.5x8" RULED 192 PAGES (Moved from 637)	1	EA	1.68	0.60	\$2.81
6530011031305	BOTTLE SAFETY CAP PLASTIC T&C 16DR 100S	1	PG	3.50	0.60	\$29.65
6210014493170	BULB ULTRAVIOLET 6 INCH 4 WATT 1S (Spare for Light 5144)	1	EA	0.55	0.12	\$15.00
6840002424770	CALCIUM HYPOCHLORITE TECHNICAL GRANULAR 3.75 LB 12S	0.5	PG	45.00	0.25	\$86.75
4240012465407	CARTRIDGE RESPIRATOR AIR FILTERING 10S	1	BX	1.00	0.20	\$27.59
7510002236706	CHALK MARKING WHITE 144S	1	GR	0.01	0.00	\$5.25
4020011111766	CORD FIBROUS PLASTIC POLYESTER 4.8MM DIAMETER ROLL 100 FEET	1	RL	0.50	0.04	\$6.15
PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
PENDING_PM8	COVERALLS TYVEK W/HOOD, BOOTIES XLG CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100S	0.5	PG	6.00	1.40	\$11.03
6515003245500	DEPRESSOR TONGUE WOOD 6x.75IN STR 100S	1	PG	0.69	0.04	\$2.91
6840012781336	INSECT REPELLENT CLOTHING APPLICATION AEROSOL 12S	1	BX	6.00	0.02	\$43.63
6840011040780	INSECTICIDE PYRETHRINS, 3% PYRETHRINS W/ SYNERGISTS 1 GAL CAN 10S	5	CN	0.00	0.00	\$90.60
6840013836251	INSECTICIDE CYFLUTHRIN (TEMPO 20 WP) 9.5GM PACKET 288S	1	BX	5.00	1.15	\$386.14
6840014124634	INSECTICIDE D PHENO 12OZ CN 192S	12	CN	9.00	1.10	\$6.29

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6840011837244	INSECTICIDE FLY BAIT 1% METHOMYL 5LB CAN	1	CN	5.20	0.11	\$18.44
PENDING_PM5	INTERVIEW MATERIALS DOWNLOAD FORMS FROM CDC WEBSITE (Procure In Theater)	10	EA	0.00	0.00	\$0.01
7530009820066	LABEL PRESSURE 3.5IN x 1.125 WHITE 248S	0.1	PG	4.10	0.24	\$1.00
7520013964722	MARKER BLACK PERM ULTRA FINE PT SHARPIE 12S	1	PG	0.40	0.00	\$14.27
7520009731059	MARKER TUBE TYPE FELT CHISEL BLACK 12S	1	DZ	0.10	2.00	\$4.59
7520009731060	MARKER TUBE TYPE FELT CHISEL BLUE 12S	1	DZ	0.00	0.00	\$3.82
7520009731061	MARKER TUBE TYPE FELT CHISEL GREEN 12S	1	DZ	0.42	0.01	\$2.84
7520009731062	MARKER TUBE TYPE FELT CHISEL RED 12S	1	DZ	0.06	0.00	\$2.84
6505001336000	MINERAL OIL USP 1QT OR 946ML	1	CO	2.48	0.07	\$10.89
0105LF2062400	NAVMED 6240/1 FOOD SERVICE 100S	1	PG	0.10	0.01	\$8.60
9150001178791	OIL 2 CYCLE LUBRICATING PT	2	PT	0.00	0.00	\$1.52
6810010440315	P PHENYLENEDIAMINE REAGENT TABLET 250S	1	PG	0.13	0.01	\$3.05
6810010512815	P PHENYLENEDIAMINE REAGENT TABLET 250S	2	BX	0.20	0.01	\$15.22
7530006198880	PAD WRITING UNRULED TURN SHEET 34INX27 WHITE 50 SHEETS 1S	1	PD	45.40	1.78	\$9.87
6510007863736	PAD PREP ISOPROPYL ALCOHOL IMPREG 1x2.5IN 10Z	1	PG	0.50	0.10	\$1.73
7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET 12S	0.083	DZ	10.50	0.25	\$11.42
7530002866915	PAPER GRAPH ENGINEERING 8.5x11IN RULED 100S	1	PG	0.01	0.00	\$8.08
7520009357136	PEN BALL POINT RETRACTABLE MED PT BLACK	1	DZ	0.36	0.14	\$4.91
6515001376345	PLUG EAR NOISE PROTECTION UNIV SZ VINYL FOAM CYLINDRICAL 400S	1	BX	2.00	0.40	\$28.84
4240013891750	RESPIRATOR AIR FILTERING 40 PER PACKAGE	0.25	PG	0.55	0.01	\$285.48
4240012350823	RETAINER CARTRIDGE FOR 3M RESPIRATOR ONLY 10S	0.4	BX	0.10	0.10	\$22.08
9905012822285	TAPE BARRICADE CAUTION DO NOT ENTER BLACK ON YELLOW 3INX200FT LG	1	RO	1.15	0.15	\$1.00
5640001032254	TAPE DUCT PLAS COATED SILVER ROLL 2INX60YD	1	RO	1.00	0.04	\$2.35
5970004193164	TAPE INSULATION ELECTRICAL 108FT 1S	1	RO	0.60	0.03	\$1.44
6630010124093	TEST PAPER CHLORINE DETERM STRIP 10s	1	PG	0.50	0.01	\$42.75
7920007218884	TOWEL PAPER 5"x40" 240S	0.1	BX	31.70	4.25	\$44.36
3740010961632	TRAP INSECT PAPER BOARD STICKY ATTRACTANT 24S	1	BX	0.60	0.70	\$11.62
PENDING_PM4	WATER DEIONIZED 1000ML BT (100ML/DY)	5	EA	0.35	0.03	\$4.50
6505014624373	WATER FOR IRRIGATION STERILE USP 1500 ML BOTTLE 9S	1	PG	1.10	0.10	\$13.70
6630013628299	WATER SAMPLING TEST REAGENT COLIFORM 200S	0.5	PG	1.00	0.50	\$702.72
PN: 56 679	WICKS MONITOR HEAT STRESS WBG T QUESTEMP 34 10S	1	EA	0.01	0.01	7.75

Appendix E

Preventive Medicine Entomology (Ento) Tasks & Supply Requirements

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z540	CONDUCT VECTOR AND PEST SURVEILLANCE – DIPTERANS		3740012102368	ASPIRATOR INSECT MECHANICAL	1.00	EA
			3740014542256	ASPIRATOR, ORAL, ENTOMOLOGY SPECIMEN COLLECTION, WITH HEPA	1.00	EA
			6130006297396	CHARGER BATTERY	5.00	EA
			6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT RATING	2.00	EA
			6545014575511	TRAP SET GRAVID INSECT SURVEY BATT OP 1S (Uses 4-D cell)	4.00	EA
			6150011768446	POWER STRIP ELECTRICAL MULTIPLE OUTLET 120V	1.00	EA
			3740014575527	TRAP MOSQUITO LIGHT BATTERY POWERED 6V	5.00	EA
			6135008357210	BATTERY NONRECHARGABLE 1.5V 2.406IN CELL D 12S	4.00	EA
			6140004320490	BATTERY STORAGE ELECTROLYTE 6V 1S	5.00	EA
			6520014738686	DAM DENTAL NONLATEX SYNTHETIC 6X6IN SQUARE MED GAUGE TEAL 15S	10.00	EA
			7510001614292	CLIP PAPER STEEL GEM LARGE SIZE BOX 1000S	10.00	EA
			4020011111766	CORD FIBROUS PLASTIC POLYESTER 4.8MM DIAMETER 100 FEET NATURAL	5.00	FT
			6530012957230	CUP SPECIMEN PLASTIC 4OZ CAPACITY DISPOSABLE SNAP-ON COVER 40S	5.00	EA
			6515003245500	DEPRESSOR TONGUE 6X0.75X0.062" STRAIGHT 100S	5.00	EA
			6510007822698	GAUZE, 4X4 PADS 200S	10.00	EA
			3740014129371	INSECT FLYCATCHER, PART NUMBER M510, 144 STICKY PAPER ROLLS	4.00	EA
			6840014124634	INSECTICIDE D-PHENO 12OZ CN 12S	6.00	OZ
			6840001429438	INSECTICIDE, DICHLOROVOS (DDVP), 20%, PLASTIC STRIP 48S	2.00	EA
			7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	20.00	EA
			6505001336000	MINERAL OIL USP 1QT OR 946ML	2.00	ML
			PENDING_PM9	OCTENOL (MOSQUITO ATTRACTANT)	1.00	EA
			7510002050842	RUBBER BAND NO.33 RUBBER NATURAL AND RUBBER SYNTHETIC .25LB BOX	0.01	OZ
			5640001032254	TAPE DUCT PLAS COAT 2INX60YD	0.10	RL
			5970004193164	TAPE INSULATION ELECTRICAL 108FT	0.10	RL
			3740012102371	TUBE COLLECTION USE W/ASPIRATOR MACHINE	4.00	EA
Z541	CONDUCT VECTOR AND PEST SURVEILLANCE – GENERAL		6640004356105	BAG INSECT NET 12"DIA 28"DEEP NATURAL	1.00	EA
		MANN LAKE	PN: _CL-632	BEE SUIT, LARGE W/ZIPPERED VEIL	1.00	EA
			6545004896320	CASE MEDICAL INSTRUMENT & SUPPLY NYLON OLIVE DRAB	1.00	EA
			8530012538131	COMB LICE AND NIT METAL OR PLASTIC & METAL 12S	1.00	EA
			6640001491196	DIPPER ENTOMOLOGICAL POLY WHITE 20OZ 14"	1.00	EA
			6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT RATING	1.00	EA
			6520005427000	FORCEPS DRESSING ANG.& SMOOTH #17 6.25"	1.00	EA
			6515012064688	FORCEPS EYE JEWELERS CURVED FINE POINTS 11 0MM	1.00	EA
		MANN LAKE	PN: _CL-610	GLOVES, LEATHER FOR BEESUIT	1.00	PR
			6530014515144	LIGHT ULTRAVIOLET PORTABLE BATTERY OPERATED	2.00	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
(Z541)	(CONDUCT VECTOR AND PEST SURVEILLANCE – GENERAL)		665000L002773	MAGNIFIER 30X POCKET	1.00	EA
			6640004356100	NET INSECT 32-36"LG 26MESHES/LINEAR INCH	1.00	EA
		HAGEN	PN: _A-1275	NET, AQUARIUM NET 5" W/10" HANDLE	1.00	EA
			6515003655200	SCISSORS STRABISMUS 4.25IN LG STRAIGHT BLADE	1.00	EA
			6135008357210	BATTERY NONRECHARGABLE 1.5V 2.406IN CELL D 12S	2.00	EA
			6135009857845	BATTERY NONRECHARGABLE 1.5V ANSI SZ L40 24S	3.00	EA
			6530011031305	BOTTLE SAFETY CAP PLASTIC T&C 16DR 100S	10.00	EA
			6210014493170	BULB ULTRAVIOLET 6 INCH 4 WATT 1S	1.00	EA
			6810002646609	CHLOROFORM ACS LIQUID 16OZ SpecGRAV 1.47	0.10	OZ
			6530012957230	CUP SPECIMEN PLASTIC 4OZ CAPACITY DISPOSABLE SNAP-ON COVER 40S	5.00	EA
			6840014124634	INSECTICIDE D-PHENO 12OZ CN	6.00	OZ
			7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	20.00	EA
			6515014570288	SYRINGE IRRIGATING PISTON 60ML CAPACITY PLAS STER 120S	2.00	EA
			3740010961632	TRAP INSECT STICKY 24S	2.00	EA
			3740012406170	TRAP, RODENT, GLUE, WOODSTREAM MODEL M-319 24S	2.00	EA
Z542	CONDUCT LARGE AREA PEST AND VECTOR CONTROL – SPRAYING		7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1.00	EA
			6680006413206	COUNTER RECIPROCATING	1.00	EA
			6640008897091	CYLINDER GRADUATED LAB PLAST SZ 6 375 MM	1.00	EA
			7240005279868	FUNNEL GALVANIZED STEEL	1.00	EA
			5210001899538	GAGE GAP SETTING METAL HOLDER FOLDING	1.00	EA
			5120005293101	SCREWDRIVER CROSS TIP PHILLIP TY-6 CL-1 8IN	1.00	EA
			5120002348912	SCREWDRIVER CROSS TIP PHILLIPS SZ-3 6IN	1.00	EA
			5120005802361	SCREWDRIVER CROSS TIP REED/PRINCE 10IN BLD	1.00	EA
			5120002277334	SCREWDRIVER FLAT TIP PLASTIC HANDLE TY-1 10IN	1.00	EA
			5120002277356	SCREWDRIVER FLAT TIP PLASTIC HANDLE TY-1 6IN	1.00	EA
			3740014630147	SPRAYER DUSTER, PESTICIDE, BACKPACK, STIHL MODEL SR400	1.00	EA
			3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED	1.00	EA
			374002L002031	SPRAYER, HYDROLIC, 50 GALLON, PORTABLE	1.00	EA
			5140003152747	TOOL BOX PORTABLE STEEL ENAMEL 16IN LG X 7IN W X 7 IN H	1.00	EA
			5110013218805	TOOL MULTI-FUNCTION POCKET LEATHERMAN	1.00	EA
			5120002405328	WRENCH ADJUSTABLE OVAL 215 OPEN END 8IN	1.00	EA
		NSN PENDING	PENDING_PM10	PESTICIDE REPORTING FORM DD1533	1.00	EA
			4020011111766	CORD FIBROUS PLASTIC POLYESTER 4.8MM DIAMETER 100 FEET NATURAL	5.00	FT
			6840013836251	INSECTICIDE, CYFLUTHRIN 9.5GM PK 288S	3.00	PK
			6840001429438	INSECTICIDE, DICHLOROVOS (DDVP), 20%, PLASTIC STRIP 48S	4.00	EA
			6840004025411	INSECTICIDE 5 GALLON CAN	64.00	OZ
			6840011837244	INSECTICIDE, FLY BAIT, 1% METHOMYL 5LB CAN	8.00	OZ
			6840013598533	INSECTICIDE RESMETHRIN 5 GAL CAN	64.00	CN

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
(Z542)	(CONDUCT LARGE AREA PEST AND VECTOR CONTROL – SPRAYING)		6840014989270	INSECTICIDE TEME PH05 GRANULAR 5% 25PDS	64.00	OZ
			9150001178791	OIL 2-CYCLE LUBRICATING PT 48S	1.00	PT
			5970004193164	TAPE INSULATION ELECTRICAL 108FT	0.10	RL
Z544	IMPLEMENT PERSONAL PROTECTIVE MEASURES FOR OPERATORS		4240007593290	AURAL PROTECTOR SOUND EAR MUFF HEADPAD	1.00	EA
			8430002412780	BOOTS HIP 34"HI SZ 10 BUCKLE/STRAP RUBBER	1.00	PR
			8430002412781	BOOTS HIP 34"HI SZ 11 BUCKLE/STRAP RUBBER	1.00	PR
			8430002412782	BOOTS HIP 34"HI SZ 12 BUCKLE/STRAP RUBBER	1.00	PR
			8415010137384	GLOVES CHEMICAL & OIL PROTEC COTT 11 13"	1.00	PR
			8415010129294	GLOVES CHEMICAL & OIL PROTECT COTT 9 13"	1.00	PR
			8415011382504	GLOVES CHEMICAL PROTECTIVE	1.00	EA
			4240001906432	GOGGLES INDUSTRIAL PL HBB LENS D2 FRAME	1.00	PR
			8415011922357	INSECT NET, MITTENS & HEAD COVER MIL-S-37205	1.00	EA
			4240012465404	RESPIRATOR AIR FILTER MASK MED/LARGE	1.00	EA
			4240012465401	RESPIRATOR MASK SMALL/LARGE	1.00	EA
			4240012465407	CARTRIDGE RESPIRATOR AIR FILTERING 60S	1.00	EA
		NSN PENDING	PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG 25S	1.00	EA
		NSN PENDING	PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD 25S	1.00	EA
		NSN PENDING	PENDING_PM8	COVERALLS TYVEKW/HOOD, BOOTIES XLG 25S	1.00	EA
			4240012465414	FILTER RESPIRATOR AIR FILTERING 6S	0.25	EA
			6515001376345	PLUG EAR NOISE PROTECT UNIV SZ FOAM CYLINDRICAL 400S	1.00	PR
			4240012350823	RETAINER CARTRIDGE 10S	1.00	EA
Z546	CONDUCT PROPER PESTICIDE DISPOSAL – RETROGRADE		XXXXXXXXXX25	NO SUPPLIES ASSIGNED TO THIS TASK	1.00	XX
Z547	CONDUCT LARGE AREA PEST AND VECTOR CONTROL – FOGGING		7420011828535	CALCULATOR SOLAR POWERED SCIENTIFIC	1.00	EA
			6680006413206	COUNTER RECIPROCATING	1.00	EA
			3740014562623	FOGGER, HAND HELD, GASOLINE ENGINE, ULV, CLARKE P 1	3	EA
			5120004941911	PLIER WRENCH VISE GRIPS CURVED JAW	1.00	EA
			3740014630147	SPRAYER DUSTER, PESTICIDE, BACKPACK, STIHL MODEL SR400	1.00	EA
			DYNA FOG L15	SPRAYER, PESTICIDE, SKID MOUNTED, CURTIS DYNA FOG	3	EA
			5110013218805	TOOL MULTI-FUNCTION POCKET LEATHERMAN	1.00	EA
			5120002405328	WRENCH ADJUSTABLE OVAL 215 OPEN END 8IN	1.00	EA
			4020011111766	CORD FIBROUS PLASTIC POLYESTER 4.8MM DIAMETER 100 FEET NATURAL	5.00	FT
			6840013598533	INSECTICIDE RESMETHRIN 5 GAL CAN	64.00	OZ
			6840011040780	INSECTICIDE PYRETHRINS, 3% PYRETHRINS W/ SYNERGISTS 1 GAL CAN 10S	1.00	OZ
			6840014124634	INSECTICIDE D-PHENO 12OZ CN 12S	6.00	OZ
			9150014385875	OIL LUBRICATING ENGINE 10W-30 QT 12S	1.00	QT
		NSN PENDING	PENDING_PM10	PESTICIDE REPORTING FORM DD1533	1.00	EA
			5970004193164	TAPE INSULATION ELECTRICAL 108FT	0.10	RL

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z548	CONDUCT PEST AND VECTOR IDENTIFICATION		6640004089820	BOX INSECT WOOD SCHMITT DESIGN 13"LG 9"W 2.5"H HINGED LID	1.00	EA
			3740014542345	BREEDER, MOSQUITO	1.00	EA
			6650004317500	DISK MICROMETER MICROSCOPE EYEPIECE GLASS	1.00	EA
			6520005427000	FORCEPS DRESSING ANG.& SMOOTH #17 6.25"	1.00	EA
			6515012064688	FORCEPS EYE JEWELERS CURVED FINE POINTS 11 0MM	1.00	EA
			6640004260300	FORCEPS MICROSC COVER GLASS TWEEZR 110MM	1.00	EA
			6515003447800	HANDLE SURG KNIFE DETACH BLADE SZ 3 NARROW NOSE	1.00	EA
			6650004287010	LIGHT MICROSCOPE ADJUSTABLE 110VOLT	1.00	EA
			665000L002773	MAGNIFIER 30X POCKET	1.00	EA
			6650002666808	MICROMETER STAGE MICROSCOPE	1.00	EA
			6650009736945	MICROSCOPE OPTICAL STEREOSCOPY INCLINED	1.00	EA
			6150011768446	POWER STRIP ELECTRICAL MULTIPLE OUTLET 120V	1.00	EA
			512000L002781	PUNCH MOUNTING POINT	1.00	EA
			7510001616215	RULER WOOD W/BEVEL 12" SING METAL EDGING	1.00	EA
			6515003655200	SCISSORS STRABISMUS 4.25IN LG STRAIGHT BLADE	1.00	EA
			7105007271091	TABLE FOLDING LEGS LAB 72x20x30" STY AR4	1.00	EA
			6505001050000	ALCOHOL DEHYDRATED USP 1 PT (473 ML)	2.00	ML
			6515006600010	BLADE SURGICAL KNIFE DETACHABLE NO.11 6S	1.00	EA
			6640004042100	BLOCK, INSECT FIXATION .25"W .375" LG .125"THICK 100S	6.00	EA
			6640004089915	BOX MICROSCOPE SLIDE SZ 1 PLASTIC 100s	1.00	EA
			7530002470318	CARD INDEXPAPER GRADE C O/A WHITE 3 X 5 IN RULED 1 SIDE 100S	10.00	EA
			6640006180066	COVER GLASS MICROSCOPE SLIDE 22MM 1 OZ	10.00	EA
			6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100S	5.00	EA
			6640010309012	DISH CULTURE PETRI STY D15 PL DISP 500S	10.00	EA
			6840001429438	INSECTICIDE, DICHLOROVOS (DDVP), 20% PLASTIC STRIP 48S	4.00	EA
			7530009820066	LABEL PRESSURE 3.5x1.125" WHITE 248S	20.00	EA
			6640002998475	MOUNTING MEDIUM INSECT SPECIMEN 1 OZ	2.00	ML
			6640009264477	MOUNTING MEDIUM INSECT SPECIMEN 30ML	2.00	ML
			6640009351485	MOUNTING MEDIUM MICROSCOPY SYNTHETIC RESIN 1OZ	1.00	ML
			7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET	2.00	EA
			6640004365000	PAPER LENS SHEET 11x7.5" 5.5LB REAM 500S	1.00	EA
			7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK 144S	1.00	EA
			6640012180614	PIN INSECT TRANSFIXN #3 HEADED 1.5" 100S	10.00	EA
			6530004228120	PIPETTE DROPPING GLASS 3IN LENGTH RUBBER BULB 12S	1.00	EA
			6640000744191	SLIDE MICROSCOPE PLAIN GLASS 25x75MM 72S	5.00	EA
Z550	CONDUCT RODENT AND ECTOPARASITE SURVEILLANCE		6550014829043	TEST MOSQUITOS PLASMODIUM DETECTION 20S	5.00	EA
			3740014542354	VIALS, COLLECTION, ENTOMOLOGY SPECIMEN 12S	5.00	EA
			8530012538131	COMB LICE AND NIT METAL OR PLASTIC & METAL 12S	1.00	PK

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
(Z550)	(CONDUCT RODENT AND ECTOPARASITE SURVEILLANCE)		3740014230737	CONTAINER BAIT RODENT 6S	4.00	EA
			3740001325936	DUSTER, MANUALLY CARRIED, TUBULAR PUMP, 1LB	1.00	EA
			3740002601398	RATTRAP SPRING WOOD BASE 4-WAY RELEASE 12S	6.00	EA
			3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED PRESSURE	1.00	EA
			3740014311186	TRAP RODENT MECHANICAL RAT SHERMAN FOLDING 30S	2.00	EA
			PN: SBE2W35	BAG SPECIMEN TRANSPORT 3X5IN 2MIL ZIP-TOP WHT WRITING STRIPE 1000S	10.00	EA
			6510007822698	GAUZE ABS WHITE 4X4"8-PLY 200S	10.00	EA
			6840014313345	INSECTICIDE, DELTAMETHRIN, DELTA DUST, 1-LB CONTAINER	1.00	EA
			6515013648553	GLOVE PATIENT EXAM/TREAT MEDIUM SZ PREPWDR SNUG FITTING CUFF100S	2.00	EA
			3740002523384	MOUSETRAP SPRING WOOD BASE 4-WAY RELEASE 12S	6.00	EA
			6840011514884	RODENTICIDAL BAIT ANTICOAGUL PELLET 11LB	1.00	LB
Z552	SUPPLEMENT PERSONAL INSECT REPELLENT		3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED PRESSURE	1.00	EA
			6840013342666	INSECT REPELLENT, CLOTHING APPLICATION, 40% 12S	1.00	EA
			6840012843982	INSECT REPELLENT PERSONAL 12S	1.00	TU
			6840012781336	INSECT REPELLENT, CLOTHING APPLICATION, AEROSOL 12S	1.00	EA
Z553	CONTAIN & RESPOND TO HAZMAT CONTAMINATION		4240013100636	PORTABLE EYEWASH	1.00	EA
Z790	DOCUMENT & REPORT RESULTS OF SURVEILLANCE		7520009357136	PEN BALL-POINT RETRACTABLE MED PT BLACK	1.00	EA
			7520013964722	MARKER TUBE TYPE BLACK PERMANENT ULTRA FINE POINT SHARPIE 12S	1.00	EA

Appendix F

Equipment & Consumables Ento Module List

PM Entomology Equipment

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
3740012102368	ASPIRATOR INSECT MECHANICAL	2	EA	0.45	0.03	\$42.82
3740014542256	ASPIRATOR ORAL ENTOMOLOGY SPECIMEN COLLECTION WITH FILTER	1	EA	1.00	1.00	\$45.82
4240007593290	AURAL PROTECTOR SOUND EAR MUFF HEADPAD	2	EA	1.02	0.13	\$11.21
6640004356105	BAG INSECT NET 12"DIA 28"DEEP NATURAL (Use w/net 6100)	3	EA	0.06	0.01	\$5.70
PN: CL-632	BEE SUIT, LARGE W/ZIPPERED VEIL (MANN LAKE LTD.)	1	EA	4.00	0.25	\$52.95
8430002412780	BOOTS HIP 34"HI SZ 10 BUCKLE/STRAP RUBBER	2	PR	5.00	2.00	\$32.25
8430002412781	BOOTS HIP 34"HI SZ 11 BUCKLE/STRAP RUBBER	2	PR	5.00	2.00	\$32.25
8430002412782	BOOTS HIP 34"HI SZ 12 BUCKLE/STRAP RUBBER	2	PR	5.00	2.00	\$32.25
6640004089820	BOX INSECT WOOD SCHMITT DESIGN 13"LG 9"W 2.5"H HINGED LID	4	EA	2.08	0.21	\$74.49
3740014542345	BREEDER, MOSQUITO	10	EA	1.00	1.00	\$21.38
7420011828535	CALCULATOR ELECTRONIC SOLAR CELL 8 DIGIT (moved from 638)	1	EA	1.15	0.15	\$12.49
6545004896320	CASE MEDICAL INSTRUMENT & SUPPLY NYLON OLIVE DRAB	2	EA	1.25	0.13	\$138.14
6130006297396	CHARGER BATTERY 6V ELECTRIC LANTERN w/CASE (Mosquito trap/moved from 638)	10	EA	1.00	0.13	\$67.79
8530012538131	COMB LICE AND NIT METAL OR PLASTIC & METAL 12S	1	PG	1.00	0.10	\$50.73
3740014230737	CONTAINER BAIT RODENT 6S	15	BX	1.15	0.15	\$67.56
6680006413206	COUNTER RECIPROCATING	1	EA	0.30	0.01	\$6.05
6640008897091	CYLINDER GRADUATED LAB PLAST SZ 6 3/5 MM	2	EA	0.79	0.12	\$3.79
6650004317500	DISK MICROMETER MICROSCOPE EYEPIECE GLASS	1	EA	0.06	0.00	\$35.22
3740001325936	DUSTER, MANUALLY CARRIED, TUBULAR PUMP, 1LB	2	EA	2.03	0.11	\$20.98
6230002648261	FLASHLIGHT 8.5IN 2.25IN DIA 3DC VOLT RATING	2	EA	0.10	0.00	\$4.94
DYNA FOG L15	SPRAYER, PESTICIDE, SKID MOUNTED, CURTIS DYNA FOG	3	EA	0.00	0.00	\$5,000.00
3740014562623	FOGGER, HAND HELD, GASOLINE ENGINE, ULV, CLARKE P1	1	EA	0.00	0.00	\$2,259.00
6520005427000	FORCEPS DRESSING ANG.& SMOOTH #17 6.25"	2	EA	0.10	0.01	\$10.27
6515012064688	FORCEPS EYE JEWELERS CURVED FINE POINTS 11 0MM	2	EA	0.04	0.00	\$15.44
6640004260300	FORCEPS MICROSC COVER GLASS TWEEZR 110MM	1	EA	0.06	0.01	\$1.56
7240005279868	FUNNEL GALVANIZED STEEL	1	EA	0.01	0.01	\$2.83
5210001899538	GAGE GAP SETTING METAL HOLDER FOLDING	1	EA	0.01	0.00	\$8.82
8415011382504	GLOVES CHEMICAL & OIL PROTECTIVE SZ 13	2	PR	0.12	0.10	\$9.95
8415010129294	GLOVES CHEMICAL & OIL PROTECTIVE SZ 9	2	PR	0.35	0.03	\$1.50
8415010137384	GLOVES CHEMICAL & OIL PROTECTIVE SZ 11	2	PR	0.20	0.10	\$1.50
PN_CL-610	GLOVES, LEATHER FOR BEESUIT (MANN LAKE LTD.)	1	PR	1.50	0.01	\$9.95
4240001906432	GOGGLES INDUSTRIAL PL HBB LENS D2 FRAME	2	PR	1.00	1.00	\$1.32
6515003447800	HANDLE SURG KNIFE DETACH BLADE SZ 3 NARROW NOSE	2	EA	0.08	0.00	\$6.41
8415011922357	INSECT NET, MITTENS & HEAD COVER MIL S 37205	4	EA	0.02	0.00	\$7.29
6530014515144	LIGHT ULTRAVIOLET PORTABLE BATTERY OPERATED	2	EA	1.25	0.25	\$28.00
665000L002773	MAGNIFIER 30X POCKET	2	EA	0.20	0.10	\$26.95
6650002666808	MICROMETER STAGE MICROSCOPE	2	EA	5.00	2.00	\$80.00

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6650012070829	MICROSCOPE OPTICAL BINOCULAR HISTOPATHOLOGICAL & PATHOLOGICAL	2	EA	40.00	5.40	\$7,234.12
6650009736945	MICROSCOPE OPTICAL STEREOSCOPY INCLINED	2	EA	40.00	3.30	\$1,934.72
3740002523384	MOUSETRAP SPRING WOOD BASE 4 WAY RELEASE 12S	4	DZ	0.10	0.00	\$5.50
6640004356100	NET INSECT 32 36"LG 26MESHES/LINEAR INCH (Use w/nylon bag 6105 - equip)	4	EA	1.81	0.34	\$10.80
PN: _A-1275	NET, AQUARIUM NET 5" W/10" HANDLE (WWW.HAGEN.COM/USA)	1	EA	0.10	0.10	\$5.00
5120004941911	PLIER WRENCH VISE GRIPS w/CUTTER 8.5IN LG	1	EA	1.20	0.01	\$6.96
4240013100636	PORTABLE EYEWASH	2	EA	2.50	1.09	\$36.78
6150011768446	POWER STRIP ELECTRICAL MULTIPLE OUTLET 120V	1	EA	0.10	0.00	\$15.29
512000L002781	PUNCH MOUNTING POINT	2	EA	0.50	0.50	\$13.00
3740002601398	RATTRAP SPRING WOOD BASE 4 WAY RELEASE 12S	10	DZ	0.10	0.00	\$17.93
4240012465404	RESPIRATOR AIR FILTER MASK MED/LARGE HEPA 10S	1	BX	0.18	0.30	\$137.97
4240012465401	RESPIRATOR MASK SMALL/MED 10S	1	BX	0.15	0.25	\$150.12
7510001616215	RULER WOOD W/BEVEL 12" SING METAL EDGING	2	EA	0.04	0.00	\$0.48
6515003655200	SCISSORS STRABISMUS 4IN LG STRAIGHT BLADE	1	EA	0.07	0.00	\$16.83
5120005293101	SCREWDRIVER CROSS TIP PHILLIP TY 6 CL 1 8IN	2	EA	0.00	0.00	\$1.67
5120002348912	SCREWDRIVER CROSS TIP PHILLIPS SZ 3 6IN	2	EA	0.10	0.00	\$1.64
5120005802361	SCREWDRIVER CROSS TIP REED/PRINCE 10IN BLD	2	EA	1.15	0.25	\$2.81
5120002277334	SCREWDRIVER FLAT TIP PLASTIC HANDLE TY 1 10IN	2	EA	0.55	0.12	\$2.09
5120002277356	SCREWDRIVER FLAT TIP PLASTIC HANDLE TY 1 6IN	2	EA	0.19	0.05	\$0.87
3740014630147	SPRAYER DUSTER, PESTICIDE, BACKPACK, STIHL MODEL SR400	1	EA	0.00	0.00	\$774.43
3740001913677	SPRAYER PESTICIDE MANUALLY CARRIED PUMP TYPE	4	EA	1.00	0.11	\$127.28
374002L002031	SPRAYER HYDRAULIC 50GL PORTABLE	1	EA	25.00	1.50	\$1,940.00
7105007271091	TABLE FOLDING LEGS LABORATORY	1	EA	30.00	1.25	\$595.48
5140003152747	TOOL BOX PORTABLE STEEL ENAMEL 16IN LG X 7IN W X 7 IN H	2	EA	3.00	0.75	\$19.80
5110013218805	TOOL MULTI FUNCTION POCKET LEATHERMAN	2	EA	0.55	0.02	\$42.03
3740014575527	TRAP MOSQUITO LIGHT BATTERY POWERED 6V	10	EA	0.55	0.12	\$184.68
3740014311186	TRAP RODENT MECHANICAL RAT SHERMAN FOLDING 30S	2	BX	0.55	0.02	\$35.28
6545014575511	TRAP SET GRAVID INSECT SURVEY BATT OP 1S (Uses 4-D batteries)	4	EA	0.55	0.12	\$100.32
5120002405328	WRENCH ADJUSTABLE OVAL 215 OPEN END 8IN	1	EA	0.10	0.00	\$12.26

PM Entomology Consumables

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6505001050000	ALCOHOL DEHYDRATED USP 1 PT (473 ML)	1	BT	1.71	0.08	\$1.43
PN: SBE2W35	BAG SPECIMEN TRANSPORT 3X5IN 2MIL ZIP TOP WHT WRITING STRIPE 1000S	1	PG	0.01	0.05	\$10.00
6135009857845	BATTERY NONRECHARGABLE 1.5V AA 24S	3	PG	0.10	0.00	\$5.44
6135008357210	BATTERY NONRECHARGABLE 1.5V CELL D 12S	3	PG	3.50	0.03	\$9.84
6140004320490	BATTERY STORAGE ELECTROLYTE 6V 1S (Use w/mosquito trap)	20	EA	2.60	0.16	\$18.11
6515006600010	BLADE SURGICAL KNIFE DETACHABLE NO.11 6S	1	PG	0.03	0.00	\$0.89
6640004042100	BLOCK, INSECT FIXATION .25"W .375" LG .125"THICK 100S	1	PG	0.04	0.00	\$2.02
6530011031305	BOTTLE SAFETY CAP PLASTIC T&C 16DR 100S	1	PG	3.50	0.60	\$29.65

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6640004089915	BOX MICROSCOPE SLIDE SZ 1 PLASTIC 100S	1	EA	0.76	0.05	\$5.48
6210014493170	BULB ULTRAVIOLET 6 INCH 4 WATT 1S (Spare for Light 5144)	2	EA	0.55	0.12	\$15.00
7530002470318	CARD INDEXPAPER GRADE C O/A WHITE 3 X 5 IN RULED 1 SIDE 100S	1	PG	1.00	0.10	\$0.63
6810002646609	CHLOROFORM ACS LIQUID 16OZ SpecGRAV 1.47	2	PT	2.50	0.06	\$12.66
7510001614292	CLIP PAPER STEEL GEM LARGE SIZE BOX 1000S	1	BX	1.50	0.05	\$2.01
4020011111766	CORD FIBROUS PLASTIC POLYESTER 4.8MM DIAMETER ROLL 100 FEET	2	RL	0.50	0.04	\$6.15
6640006180066	COVER GLASS MICROSCOPE SLIDE 22MM 1 OZ	10	PG	0.13	0.00	\$1.88
PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG CAMO COLORED 25S	2	EA	0.25	0.20	\$20.00
PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD CAMO COLORED 25S	1	EA	0.25	0.20	\$20.00
PENDING_PM8	COVERALLS TYVEK W/HOOD, BOOTIES XLG CAMO COLORED 25S	2	EA	0.25	0.20	\$20.00
6530012957230	CUP SPECIMEN PLASTIC 4OZ CAPACITY DISPOSABLE SNAP ON COVER 40S	1	PG	6.00	0.00	\$62.04
6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100S	0.5	PG	6.00	1.40	\$11.03
6520014738686	DAM DENTAL NONLATEX SYNTHETIC 6X6IN SQUARE MED GAUGE TEAL 15S	4	BX	1.25	0.25	\$14.00
6515003245500	DEPRESSOR TONGUE 6X0.75X0.062" STRAIGHT 100S	1	PG	0.69	0.04	\$2.91
6640010309012	DISH CULTURE PETRI STY D15 PL DISP 500S	1	PG	14.00	1.30	\$133.81
4240012465414	FILTER RESPIRATOR AIR FILTERING 6S	6	BX	1.00	1.00	\$87.78
PENDING_PM10	FORM PESTICIDE REPORTING DD1533 100S	1	PG	0.02	0.01	\$9.98
6510007822698	GAUZE ABS WHITE 4X4"8 PLY 200S	1	PG	0.83	0.07	\$3.60
6515013648553	GLOVE PATIENT EXAM/TREAT MEDIUM SZ PREPWDR SNUG FITTING CUFF100S	4	PG	1.20	0.10	\$8.82
3740014129371	INSECT FLYCATCHER, PART NUMBER M510, 144 STICKY PAPER ROLLS	1	BX	1.00	0.20	\$165.96
6840013342666	INSECT REPELLENT CLOTHING APPLICATION 40% 12S	4	BX	5.00	1.00	\$194.00
6840012781336	INSECT REPELLENT CLOTHING APPLICATION AEROSOL 12S	3	BX	6.00	0.02	\$43.63
6840012843982	INSECT REPELLENT PERSONAL 12S	4	BX	2.00	0.02	\$34.32
6840014313345	INSECTICIDE DELTAMETHRIN DELTA DUST 1 LB CONTAINER	25	LB	1.00	0.06	\$11.45
6840006855438	INSECTICIDE, MALATHION, 57% EC CLASS 2	8	CN	50.00	0.700	\$37.38
6840013598533	INSECTICIDE RESMETHRIN 5 GALLON CAN	51	CN	45.00	4.00	\$233.65
6840013836251	INSECTICIDE CYFLUTHRIN (TEMPO 20 WP) 9.5GM PACKET 288S	10	BX	5.00	1.15	\$386.14
6840014124634	INSECTICIDE D PHENO 12OZ CN 192S	120	CN	9.00	1.10	\$6.29
6840011837244	INSECTICIDE FLY BAIT 1% METHOMYL 5LB CAN	5	CN	5.20	0.11	\$18.44
6840011040780	INSECTICIDE PYRETHRINS, 3% PYRETHRINS W/ SYNERGISTS 1 GAL CAN 10S	10	GL	5.00	2.00	\$111.84
6840014989270	INSECTICIDE TEMPHOS GRANULAR 5% 25 POUND BAG 1S	6	EA	25.00	3.00	
6840001429438	INSECTICIDE, DICHLOROVOS (DDVP), 20%, PLASTIC STRIP 48S	4	BX	11.86	0.74	\$226.15
7530009820066	LABEL PRESSURE 3.5IN x 1.125 WHITE 248S	1	PG	4.10	0.24	\$1.00
6650004287010	LIGHT MICROSCOPE ADJUSTABLE 110VOLT	3	EA	4.33	0.22	\$564.37
7520013964722	MARKER BLACK PERM ULTRA FINE PT SHARPIE 12S	1	PG	0.40	0.00	\$14.27
6505001336000	MINERAL OIL USP 1QT OR 946ML	1	CO	2.48	0.07	\$10.89
6640009264477	MOUNTING MEDIUM INSECT SPECIMEN 30ML	1	BT	0.22	0.00	\$15.59
6640002998475	MOUNTING MEDIUM INSECT SPECIMEN ACACIA BASE 1 OZ	1	BT	0.31	0.01	\$12.91
6640009351485	MOUNTING MEDIUM MICROSCOPY SYNTHETIC RESIN 1OZ	1	BT	0.18	0.01	\$54.90

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
PENDING_PM9	OCTENOL MOSQUITO ATTRACTANT	1	BX	1.00	1.00	\$25.00
9150001178791	OIL 2 CYCLE LUBRICATING PT	16	PT	0.00	0.00	\$1.52
9150014385875	OIL LUBRICATING ENGINE 10W 30 QT 12S	1	BX	6.00	1.10	\$10.53
7530011245660	PAD WRITING PAPER 11x8.5" WHITE 100 SHEET 12S	1	DZ	10.50	0.25	\$11.42
6640004365000	PAPER LENS SHEET 11x7.5" 5.5LB REAM 500S	1	PG	1.17	0.04	\$16.98
7520009357136	PEN BALL POINT RETRACTABLE MED PT BLACK	1	DZ	0.36	0.14	\$4.91
6640012180614	PIN INSECT TRANSFIXN #3 HEADED 1.5" 100S	4	PG	0.10	0.01	\$12.63
6530004228120	PIPETTE DROPPING GLASS 3IN LENGTH RUBBER BULB 12S	1	BX	0.14	0.01	\$3.46
6515001376345	PLUG EAR NOISE PROTECTION UNIV SZ VINYL FOAM CYLINDRICAL 400S	1	BX	2.00	0.40	\$28.84
4240012350823	RETAINER CARTRIDGE FOR 3M RESPIRATOR ONLY 10S	1	BX	0.10	0.10	\$22.08
6840011514884	RODENTICIDAL BAIT ANTICOAGUL PELLET 11LB	5	CN	6.25	0.60	\$32.81
7510002050842	RUBBER BAND NO.33 RUBBER NATURAL AND RUBBER SYNTHETIC .25LB BOX	1	BG	0.10	0.00	\$0.42
6640000744191	SLIDE MICROSCOPE PLAIN GLASS 25x75MM 72S	2	PG	0.75	0.01	\$4.37
PN: IATXK300	SPILL KIT 6.5 GAL W/4' SOCKS PADS BAGS GLOVES	1	EA	5.00	2.00	\$41.25
6515014570288	SYRINGE IRRIGATING PISTON 60ML CAPACITY PLAS STER 120S	1	PG	1.25	0.25	\$101.00
5640001032254	TAPE DUCT PLAS COATED SILVER ROLL 2INx60YD	1	RO	1.00	0.04	\$2.35
5970004193164	TAPE INSULATION ELECTRICAL 108FT 1S	1	RO	0.60	0.03	\$1.44
6550014829043	TEST MOSQUITOS PLASMODIUM DETECTION 20S	6	PG	1.15	0.02	\$59.00
3740010961632	TRAP INSECT PAPER BOARD STICKY ATTRACTANT 24S	2	BX	0.60	0.70	\$11.62
3740012406170	TRAP RODENT GLUE WOODSTREAM MODEL M 319 24S	2	BX	0.01	0.01	\$21.23
3740012102371	TUBE COLLECTION USE W/ASPIRATOR MACHINE	4	EA	1.00	0.73	\$2.90
3740014542354	VIALS COLLECTION ENTOMOLOGY SPECIMEN 12S	4	DZ	1.00	1.00	\$9.76

Appendix G

Preventive Medicine Industrial Hygiene (IH) Tasks & Supplies

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z910	GATHER & ANALYZE INTEL DATA ON SURVEY AREA		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK	1	XX
Z911	CONDUCT VISUAL SITE INSPECTION & RECORD RESULTS		PENDING_PM11	CAMERA VIDEO DIGITAL RECHARGEABLE	1	EA
Z912	DEVELOP SITE SAMPLING PLAN		753000223525	BOOK MEMORANDUM 10.5x8IN OLIVE 192 PAGES	2	EA
			7520013964722	MARKER TUBE TYPE BLACK PERMANENT ULTRA FINE POINT SHARPIE 12S	1	PG
Z913	MAP OUT SITE INSPECTION GRID		7520013964722	MARKER TUBE TYPE BLACK PERMANENT ULTRA FINE POINT SHARPIE 12S	1	PG
			7530002866915	PAPER GRAPH ENGINEERING 8.5x11IN RULED 100S	1	EA
Z914	LABEL & RECORD SAMPLE CONTAINER		7530009820066	LABEL PRESSURE SENSITIVE ADHESIVE WHITE 3-1/2 BY 1-1/8 IN 248S	1	PG
			7520013964722	MARKER TUBE TYPE BLACK PERMANENT ULTRA FINE POINT SHARPIE 12S	1	PG
Z915	PREPARE APPROPRIATE DOCUMENTATION & REPORT RESULTS		7520002815918	CLIP BOARD FILE 9X12.5IN COMPOSITION BOARD BACK	3	EA
			753000223525	BOOK MEMORANDUM 10.5x8IN OLIVE 192 PAGES	2	EA
			7520013964722	MARKER TUBE TYPE BLACK PERMANENT ULTRA FINE POINT SHARPIE 12S	1	PG
Z916	IDENTIFY & RECORD SITE GPS COORDINATES	MILITARY ISSUE	PENDING_PM14	GEO POSITIONING SYSTEM HANDHELD BATTERY OPERATED	1	EA
Z917	IMPLEMENT AIR SAMPLING PERSONAL PROTECTIVE MEASURES	SCOTT	PN: 80535801	BATTERIES LITHIUM SPARE PAPR	4	EA
		SCOTT	PN: 80563402	POWERED AIR PURIFYING RESPIRATOR (PAPR) MODEL C420	4	EA
		CLAREY'S SAFETY	PN: 803669	FILTER CARTRIDGE PAPR ACID GAS DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 805115	FILTER CARTRIDGE PAPR CHLORINE DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 804661	FILTER CARTRIDGE PAPR P100 DUAL 2S	3	PG
Z918	COLLECT & INTERPRET AMBIENT AIR SAMPLE		6665014660836	ANALYZER MULTIGAS RECHARGEABLE COMBUSTIBLES O2 CO2 SO2 w/SENSORS	1	EA
		BIOS	PN: 717 04	CALIBRATOR DC-LITE FLOWMETER	1	EA
		RAE SYSTEMS	6665014498422	MONITOR PHOTOIONIZATION RECHARGEABLE AIR SOIL GROUNDWATER	1	EA
		DRAEGER	PN: 802 05200	PUMP SAMPLING CHIP MEASUREMENT SYSTEM (CMS) w/RECORDER	1	EA
		DRAEGER	PN: 6400565S	PUMP SIMULATEST CIVIL DEFENSE (CDS) w/CASE	1	EA
		DRAEGER	PN: 4056098	PUMP SIMULTEST HAZMAT DETECTION	1	EA
		SKC WEST	6665014591750	SKC WEST SAMPLING 5 PACK PUMP KIT w/BATT & CHARGER (MODEL 224 44XR5D)	1	EA
		SKC WEST	PN: 225 9504	ADAPTER AIR-O-CELL CASSETTE CONNECT TO 1/4IN TUBING 10S	1	EA
		SKC WEST	PN: 225 13 2	ADAPTER LUER TAPER CONNECT TO 1/4IN TUBING 10S	1	EA
		SKC WEST	6640012337603	CASSETTE PRELOADED MCE 37MM 0.8uM 50S	1	EA
		SKC WEST	PN: 225 9501	CASSETTE SAMPLING 37MM AIR-O-CELL 10S	1	EA

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
(Z918)	(COLLECT & INTERPRET AMBIENT AIR SAMPLE)	SKC WEST	PN: 802 06020	CHIP MEASUREMENT SYSTEM AMMONIA 10-150PPM 10S	1	EA
		SKC WEST	PN: 802 06130	CHIP MEASUREMENT SYSTEM AMMONIA 2-50PPM 10S	1	EA
		SKC WEST	PN: 802 06030	CHIP MEASUREMENT SYSTEM BENZENE 0.5-10PPM 10S	1	EA
		SKC WEST	PN: 802 06160	CHIP MEASUREMENT SYSTEM BENZENE 10-250PPM 10S	1	EA
		SKC WEST	PN: 802 06280	CHIP MEASUREMENT SYSTEM BUTADIENE 1-25PPM 10S	1	EA
		SKC WEST	PN: 802 06070	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 1000-25,000PPM 10S	1	EA
		SKC WEST	PN: 802 06210	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 1-20% VOL 10S	1	EA
		SKC WEST	PN: 802 06190	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 200-300PPM 10S	1	EA
		SKC WEST	PN: 802 06080	CHIP MEASUREMENT SYSTEM CARBON MONOXIDE 5-150PPM 10S	1	EA
			6665012405796	CHIP MEASUREMENT SYSTEM CHLORINE .2-10PPM 10S	1	EA
		SKC WEST	PN: 802 06220	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 100-2,500PPM 10S	1	EA
		SKC WEST	PN: 802 06150	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 20-500PPM 10S	1	EA
		SKC WEST	PN: 802 06050	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 2-50PPM 10S	1	EA
		SKC WEST	PN: 802 06120	CHIP MEASUREMENT SYSTEM NITROGEN DIOXIDE 0.5-25PPM 10S	1	EA
		SKC WEST	PN: 802 06040	CHIP MEASUREMENT SYSTEM PERCHLOROETHYLENE 5-150PPM 10S	1	EA
		SKC WEST	PN: 802 06270	CHIP MEASUREMENT SYSTEM PETROLEUM HYDROCARBONS 100-3,000PPM 10S	1	EA
		SKC WEST	PN: 802 06200	CHIP MEASUREMENT SYSTEM PETROLEUM HYDROCARBONS 20-500PPM 10S	1	EA
		SKC WEST	PN: 225 13 6	CLIPS COLLAR TUBING 8S	1	EA
		SKC WEST	PN: 225 8208	FILTER PREWEIGHED PVC 37MM 5.0uM 3-PIECE CLEAR 12S	1	EA
		SPILFYTER	PN: 571020	KIT CLASSIFIER CHEMICAL w/20 STRIPS 6 POLY THREAD BOBBINS & CHART 20S	1	EA
		SPILFYTER	PN: 581020	KIT CLASSIFIER WASTERWATER w/20 STRIPS 6 POLY THREAD BOBBINS & CHART 20S	1	EA
			5640001032254	TAPE DUCT PLAS COATED CLOTH SILVER 2" X 60YD	1	RL
		BGI, INC.	PN: 8103140	TEST SET 1 CIVIL DEFENSE S/N MUSTARD HCN LEWISITE	5	EA
		BGI, INC.	PN: 8101735	TEST SET 1 SIMULTEST INORGANIC GASES ACID BASIC	2	EA
		BGI, INC.	PN: 8101736	TEST SET 2 SIMULTEST INORGANIC GASES CO2 H2S CL	2	EA
		BGI, INC.	PN: 8101770	TEST SET 3 SIMULTEST ORGANIC GASES METHANOL KETONES	2	EA
		BGI, INC.	PN: 8103200	TEST SET 5 CIVIL DEFENSE NERVE COC-12 CYANOGEN CL	5	EA
		SKC WEST	PN: 2251366	TUBING TYGON 3/16IN INNER DIAMETER 2FT	1	PG
		SKC WEST	PN: 225 134	TUBING TYGON 5/16IN INNER DIAMETER 10FT	1	PG
Z919	PACKAGE/SUBMIT AIR SAMPLE FOR CONFIRMATORY/DEFINITIVE ID		XXXXXXXXXX25	NO SUPPLIES ASSIGNED THIS TASK		
Z920	IMPLEMENT ASBESTOS SAMPLING PERSONAL PROTECTIVE MEASURES	SCOTT	PN: 80535801	BATTERIES LITHIUM SPARE PAPR	4	EA
			8415010137384	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 11	2	PR
			8415011382504	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 13	1	PR
			8415010129294	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 9	1	PR
		SCOTT	PN: 80563402	POWERED AIR PURIFYING RESPIRATOR (PAPR) MODEL C420	4	EA
			PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG CAMO COLORED	1	PG
			PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD CAMO COLORED	1	PG

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
(Z920)	(IMPLEMENT ASBESTOS SAMPLING PERSONAL PROTECTIVE MEASURES)		PENDING_PM8	COVERALLS TYVEK W/HOOD, BOOTIES XLG CAMO COLORED	1	PG
Z921	COLLECT & ANALYZE SUSPECTED ASBESTOS SAMPLE	CLAREY'S SAFETY	PN: 803669	FILTER CARTRIDGE PAPR ACID GAS DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 805115	FILTER CARTRIDGE PAPR CHLORINE DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 804661	FILTER CARTRIDGE PAPR P100 DUAL 2S	3	PG
		MCCRONE	PN: 416	ASBESTOS REFERENCE SET 25 SLIDES	1	EA
			6530014601109	BOTTLE SPRAY 16OZ ADJUSTABLE NOZZLE	1	EA
			6150001440091	CABLE EXTENSION ASSEMBLY POWER 12FT LG 3 CONNECTOR END	1	EA
			7420011828535	CALCULATOR ELECTRONIC SOLAR CELL 8 DIGIT LIQ CRYSTAL HAND-HELD	1	EA
		BIOS	PN: 717 04	CALIBRATOR DC-LITE FLOWMETER	1	EA
			7105002698463	CHAIR FOLDING w/o ARMS GRAY ENAMELED	2	EA
			PENDING_PM12	HOOD HEPA PORTABLE TABLE TOP	1	EA
		MCCRONE	PN: 120	KIT DISSECTION INSTRUMENT	1	EA
			PENDING_PM13	MICROSCOPE LABORATORY POLARIZED LIGHT	1	EA
			6650009736945	MICROSCOPE LABORATORY STEREOSCOPIC	1	EA
			6640005420500	MORTAR AND PESTLE PORCELAIN 150ML	1	EA
			PN: 837405	PROTECTOR ELECTRICAL SURGE 4-OUTLET SINGLE LINE TRADESMAN	1	EA
		SKC WEST	6665014591750	SKC WEST SAMPLING 5 PACK PUMP KIT BATT & CHARGER 5 SCREWDRIVERS M/N 224 44XR5D)	1	EA
			7105007271091	TABLE FOLDING LEGS LABORATORY	1	EA
		SKC WEST	PN: 225 9504	ADAPTER AIR-O-CELL CASSETTE CONNECT TO 1/4IN TUBING 10S	1	EA
		SKC WEST	PN: 225 13 2	ADAPTER LUER TAPER CONNECT TO 1/4IN TUBING 10S	1	EA
		MINIGRIP ZIP-PAK	PN: SBE2W35	BAG SPECIMEN TRANSPORT & STORAGE 3x 5IN 2MIL ZIP-TOP WHT WRITING STRIPE 1000S	1	PG
		MINIGRIP ZIP-PAK	PN: SBE6R810	BAG SPECIMEN TRANSPORT & STORAGE 9x12IN 6MIL ZIP-TOP WHT WRITING STRIPE 500S	1	PG
		SKC WEST	6640012337603	CASSETTE PRELOADED MCE 37MM 0.8uM 50S	1	EA
		SKC WEST	PN: 225 9501	CASSETTE SAMPLING 37MM AIR-O-CELL 10S	1	EA
		SKC WEST	PN: 225 13 6	CLIPS COLLAR TUBING 8S	1	EA
			6640010309012	DISH CULTURE PETRI PLAS D1512MM HEIGHT 50MM OD DISPOSABLE 500S	1	PG
			PENDING_PM15	FILTER HOOD HEPA PORTABLE TABLE TOP	1	PG
		SKC WEST	PN: 225 8208	FILTER PREWEIGHED PVC 37MM 5.0uM 3-PIECE CLEAR 12S	1	EA
		MCCRONE	PN: 168HD06	LIQUIDS DISPERSION 6 INDICES .25OZ EA 1.55 1.58 1.605 1.64 1.68 1.70	1	EA
			6640000744191	SLIDE MICROSCOPE PLAIN FROSTED END 75.4 X 25 MM 72S	1	PG
			5640001032254	TAPE DUCT PLAS COATED CLOTH SILVER 2" X 60YD	1	FT
		SKC WEST	PN: 2251366	TUBING TYGON 3/16IN INNER DIAMETER 2FT	1	PG
		SKC WEST	PN: 225 134	TUBING TYGON 5/16IN INNER DIAMETER 10FT	1	PG
Z922	PACKAGE/SUBMIT ASBESTOS SAMPLE FOR CONFIRMATORY/DEFINITIVE ID	MINIGRIP ZIP-PAK	PN: SBE2W35	BAG SPECIMEN TRANSPORT & STORAGE 3x 5IN 2MIL ZIP-TOP WHT WRITING STRIPE 1000S	1	PG
		MINIGRIP ZIP-PAK	PN: SBE6R810	BAG SPECIMEN TRANSPORT & STORAGE 9x12IN 6MIL ZIP-TOP WHT WRITING STRIPE 500S	1	PG
			7530009820066	LABEL PRESSURE SENSITIVE ADHESIVE WHITE 3-1/2 BY 1-1/8 IN 248S	1	PG

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z923	IMPLEMENT SOIL SAMPLING PERSONAL PROTECTIVE MEASURES	SCOTT	PN: 80535801	BATTERIES LITHIUM SPARE PAPR	4	EA
			8415010137384	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 11	2	PR
			8415011382504	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 13	1	PR
			8415010129294	GLOVES NITRILE CHEMICAL & OIL MAN/WOMAN COTTON LINING SZ 9	1	PR
		SCOTT	PN: 80563402	POWERED AIR PURIFYING RESPIRATOR (PAPR) MODEL C420	4	EA
			PENDING_PM6	COVERALLS CHEM PROTECTIVE OLIVE TYVEK ELAS WAIST w/HOOD & B00T LRG 25S	1	PG
			PENDING_PM7	COVERALLS CHEM PROTECTIVE OLIVE TYVEK ELAS WAIST w/HOOD & B00T MED 25S	1	PG
			PENDING_PM8	COVERALLS CHEM PROTECTIVE OLIVE TYVEK ELAS WAIST w/HOOD & B00T XLG 25S	1	PG
		CLAREY'S SAFETY	PN: 803669	FILTER CARTRIDGE PAPR ACID GAS DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 805115	FILTER CARTRIDGE PAPR CHLORINE DUAL 2S	3	PG
		CLAREY'S SAFETY	PN: 804661	FILTER CARTRIDGE PAPR P100 DUAL 2S	3	PG
Z924	COLLECT SOIL SAMPLE		5210002933505	TAPE MEASURING STAINLESS STEEL WINDING 10 FEET	1	EA
		USACHPPM	MIL ISS_PM16	CHPPM BACKPACK SAMPLING KIT (W/ JARS, SCOOPS, BOWL, DATA SHEETS, PLAS BAGS)	1	EA
			9905012822285	TAPE BARRICADE CAUTION DO NOT ENTER BLACK ON YELLOW 3INx200FT LG	3	RL
Z925	PACKAGE/SUBMIT SOIL SAMPLE FOR CONFIRMATORY/DEFINITIVE ID	MINIGRIP ZIP-PAK	PN: SBE2W35	BAG SPECIMEN TRANSPORT & STORAGE 3x 5IN 2MIL ZIP-TOP WHT WRITING STRIPE 1000S	1	PG
		MINIGRIP ZIP-PAK	PN: SBE6R810	BAG SPECIMEN TRANSPORT & STORAGE 9x12IN 6MIL ZIP-TOP WHT WRITING STRIPE 500S	1	PG
			7530009820066	LABEL PRESSURE SENSITIVE ADHESIVE WHITE 3-1/2 BY 1-1/8 IN 248S	1	PG
Z926	CONDUCT RADIOLOGICAL SAMPLING/MONITORING	CANBERRA	PN: MIP 21A	RADIAMETER ALPHA BETA GAMMA PORTABLE RECHARGABLE w/CASE	1	EA
Z507	OBTAIN WATER SAMPLE/CONDUCT CHEMICAL TESTING		6630014444280	WATER QUALITY ANALYSIS SET DREL 2010 PERFORMS 27 TESTS	1	EA
			6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100S	0.25	PG
			7530009820066	LABEL PRESSURE SENSITIVE ADHESIVE WHITE 3-1/2 BY 1-1/8 IN 248S	1	PG
Z584	MONITOR/REPORT HEAT/COLD STRESS INDEX	NSN	6625014789030	MONITOR HEAT STRESS WBGT QUESTEMP 34 PORTABLE RECHARGABLE w/BOTTLES	1	EA
		NSN	6625014833930	TRIPOD MONITOR HEAT STRESS WBGT QUESTEMP 34	1	EA
		QUEST	PN: 56 679	WICKS MONITOR HEAT STRESS WBGT QUESTEMP 34 10S	1	PG
Z927	IMPLEMENT NOISE SAMPLING PERSONAL PROTECTIVE MEASURES	NSN	4240007593290	PROTECTOR HEARING EAR MUFF HEADSET	1	EA
			6515001376345	PLUG EAR NOISE PROTECTION UNIV SZ VINYL FOAM CYLINDRICAL 400S	1	BX
Z928	MONITOR & ASSESS NOISE LEVELS		6625014498480	METER NOISE LEVEL IMPULSE INTEGRATING QUEST 2500 w/QC-10 CALIBRATOR & WINDSHIELD	1	EA
			6135009002139	BATTERY NONRECHARGEABLE 9V 2 TERMINAL 24S	1	PG
Z929	CONDUCT VENTILATION SURVEY		6640014583706	VELOMETER INDICATOR KIT AIR FLOW W/CARRYING CASE & 6 SMOKE TUBES	1	EA
		MINE SAFETY APPLIANCES	PN: 458480	TUBES SMOKE VELOMETER PLASTIC 12S	1	PG

TASK	TASK DESCRIPTION	MANUFACTURER	NSN / PART #	NOMENCLATURE	QTY	UM
Z930	PACKAGE AND DISPOSE OF HAZARDOUS WASTE		6530011075798	BAG HAZMAT DISPOSAL 36x24IN .003IN SGL WALL 200S	0.1	PG

Appendix H

Equipment & Consumables PM (IH) Module List

PM Industrial Hygiene Equipment

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
6665014660836	ANALYZER MULTIGAS RECHARGABLE COMBUSTIBLES O2 CO2 SO2 w/SENSORS	1	EA	2.00	0.25	\$1,751.00
PN: 416	ASBESTOS REFERENCE SET 25 SLIDES	1	EA	1.00	1.00	1.000
4240007593290	AURAL PROTECTOR SOUND EAR MUFF HEADPAD	1	EA	1.02	0.13	\$11.21
PN: 80535801	BATTERIES LITHIUM SPARE POWERED AIR PURIFYING RESPIRATOR	2	EA	1.00	1.00	1.000
6530014601109	BOTTLE SPRAY 16OZ ADJUSTABLE NOZZLE	1	EA	0.50	0.02	\$2.47
6150001440091	CABLE EXTENSION ASSEMBLY POWER 12FT LG 3 CONNECTOR END	2	EA	2.40	0.13	\$12.89
7420011828535	CALCULATOR ELECTRONIC SOLAR CELL 8 DIGIT (moved from 638)	1	EA	1.15	0.15	\$12.49
PN: 717 04	CALIBRATOR DC LITE FLOWMETER	1	EA	1.00	1.00	1.000
PENDING_PM11	CAMERA VIDEO DIGITAL RECHARGEABLE	1	EA	1.00	1.00	1.000
7105002698463	CHAIR FOLDING w/o ARMS GRAY ENAMELED	2	EA	0.10	0.00	\$11.84
MIL ISS_PM16	CHPPM BACKPACK SAMPLING KIT (INCLS JARS, SCOOPS, BOWL, DATA SHEETS, PLAS BAGS)	1	EA	1.00	1.00	\$1.00
7520002815918	CLIP BOARD FILE 9X12.5IN COMPOSITION BOARD BACK 1S	3	EA	0.01	0.01	\$1.48
PENDING_PM14	GEO POSITIONING SYSTEM HANDHELD BATTERY OPERATED	1	EA	1.00	1.00	\$1.00
8415011382504	GLOVES CHEMICAL & OIL PROTECTIVE SZ 13	2	PR	0.12	0.10	\$9.95
8415010129294	GLOVES CHEMICAL & OIL PROTECTIVE SZ 9	2	PR	0.35	0.03	\$1.50
8415010137384	GLOVES CHEMICAL & OIL PROTECTIVE SZ 11	2	PR	0.20	0.10	\$1.95
PENDING_PM12	HOOD HEPA PORTABLE TABLE TOP	1	EA	1.00	1.00	\$1.00
PN: 120	KIT DISSECTION INSTRUMENT	1	EA	1.00	1.00	\$1.00
6625014498480	METER NOISE LEVEL IMPULSE INTEGRATING QUEST 2500 w/QC 10 CALIBRATOR & WINDSHIELD	1	EA	1.00	0.01	\$1,477.73
PENDING_PM13	MICROSCOPE LABORATORY POLARIZED LIGHT	1	EA	2.36	0.04	\$498.00
6650009736945	MICROSCOPE OPTICAL STEREOSCOPY INCLINED	1	EA	40.00	3.30	\$1,934.72
6665014498422	MONITOR PHOTOIONIZATION RECHARGEABLE AIR SOIL GROUNDWATER	1	EA	1.00	1.00	\$1.00
6640005420500	MORTAR AND PESTLE PORCELAIN 150ML	1	EA	0.56	0.02	\$6.77
PN: 80563402	POWERED AIR PURIFYING RESPIRATOR (PAPR) MODEL C420	2	EA	1.00	1.00	\$1.00
PN: 837405	PROTECTOR ELECTRICAL SURGE 4 OUTLET SINGLE LINE TRADESMAN	2	EA	1.00	1.00	\$1.00
PN: 802 05200	PUMP SAMPLING CHIP MEASUREMENT SYSTEM (CMS) w/RECORDER	1	EA	1.00	1.00	\$1.00
PN: 6400565S	PUMP SIMULATEST CIVIL DEFENSE (CDS) w/CASE	1	EA	1.00	1.00	\$1.00
PN: 4056098	PUMP SIMULTEST HAZMAT DETECTION	1	EA	1.00	1.00	\$1.00
PN: MIP 21A	RADIAMETER ALPHA BETA GAMMA PORTABLE RECHARGABLE w/CASE	1	EA	1.00	1.00	\$1.00
6665014591750	SKC WEST SAMPLING 5 PACK PUMP KIT BATT & CHARGER 5 SCREWDRIVERS M/N 224 44XR5D)	1	EA	5.00	0.25	\$2,617.15
7105007271091	TABLE FOLDING LEGS LABORATORY	1	EA	30.00	1.25	\$595.48
5210002933505	TAPE MEASURING STAINLESS STEEL WINDING 10 FEET	1	EA	3.00	0.06	\$8.54
6625014833930	TRIPOD MONITOR HEAT STRESS WBGT QUESTEMP 34	1	EA	12.00	1.12	\$160.00
6640014583706	VELOMETER INDICATOR KIT AIR FLOW W/CARRYING CASE & 6 SMOKE TUBES	1	EA	0.88	0.11	\$78.50
6630014444280	WATER QUALITY ANALYSIS SET DREL 2010 PERFORMS 27 TESTS	1	EA	75.00	3.10	\$3,520.00
6625014789030	WBGT METER (QUEST) 34 MONITOR HEAT STRESS WBGT	1	EA	5.75	1.15	\$1,019.15

PM Industrial Hygiene Consumables

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
PN: 225 9504	ADAPTER AIR O CELL CASSETTE CONNECT TO 1/4IN TUBING 10S	1	EA	1.00	1.00	\$1.00
PN: 225 13 2	ADAPTER LUER TAPER CONNECT TO 1/4IN TUBING 10S	1	EA	1.00	1.00	\$1.00
6530011075798	BAG HAZMAT DISPOSAL 36x24IN .003IN SGL WALL 200S	0.1	PG	17.00	0.44	\$137.23
PN: SBE2W35	BAG SPECIMEN TRANSPORT & STORAGE 3x 5IN 2MIL ZIP TOP WHT WRITING STRIPE 1000S	1	PG	1.00	1.00	\$1.00
PN: SBE6R810	BAG SPECIMEN TRANSPORT & STORAGE 9x12IN 6MIL ZIP TOP WHT WRITING STRIPE 500S	1	PG	1.00	1.00	\$1.00
6135009002139	BATTERY NONRECHARGEABLE 9V 2 TERMINAL 24S	1	PG	0.10	0.00	\$11.18
7530002223525	BOOK MEMORANDUM 10.5x8IN OLIVE 192 PAGES (Moved from 637)	2	EA	1.68	0.60	\$2.81
6640012337603	CASSETTE PRELOADED MCE 37MM 0.8uM 50S	1	EA	0.60	0.00	\$75.76
PN: 225 9501	CASSETTE SAMPLING 37MM AIR O CELL 10S	2	EA	1.00	1.00	\$1.00
PN: 802 06020	CHIP MEASUREMENT SYSTEM AMMONIA 10 150PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06130	CHIP MEASUREMENT SYSTEM AMMONIA 2 50PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06030	CHIP MEASUREMENT SYSTEM BENZENE 0.5 10PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06160	CHIP MEASUREMENT SYSTEM BENZENE 10 250PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06280	CHIP MEASUREMENT SYSTEM BUTADIENE 1 25PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06210	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 1 20% VOL 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06070	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 1000 25,000PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06190	CHIP MEASUREMENT SYSTEM CARBON DIOXIDE 200 300PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06080	CHIP MEASUREMENT SYSTEM CARBON MONOXIDE 5 150PPM 10S	1	EA	1.00	1.00	\$1.00
6665012405796	CHIP MEASUREMENT SYSTEM CHLORINE .2 10PPM 10S	1	PG	0.03	0.00	\$48.31
PN: 802 06220	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 100 2,500PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06050	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 2 50PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06150	CHIP MEASUREMENT SYSTEM HYDROGEN SULFIDE 20 500PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06120	CHIP MEASUREMENT SYSTEM NITROGEN DIOXIDE 0.5 25PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06040	CHIP MEASUREMENT SYSTEM PERCHLOROETHYLENE 5 150PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06270	CHIP MEASUREMENT SYSTEM PETROLEUM HYDROCARBONS 100 3,000PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 802 06200	CHIP MEASUREMENT SYSTEM PETROLEUM HYDROCARBONS 20 500PPM 10S	1	EA	1.00	1.00	\$1.00
PN: 225 13 6	CLIPS COLLAR TUBING 8S	1	PG	1.00	1.00	\$1.00
PENDING_PM6	COVERALLS TYVEK W/HOOD, BOOTIES LG CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
PENDING_PM7	COVERALLS TYVEK W/HOOD, BOOTIES MD CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
PENDING_PM8	COVERALLS TYVEK W/HOOD, BOOTIES XLG CAMO COLORED 25S	1	PG	0.25	0.20	\$20.00
6530008377472	CUP SPECIMEN PLASTIC DISPOSABLE 2.50 IN DIAMETER 4.5 OZ 100S	0.25	PG	6.00	0.00	\$62.04
6640010309012	DISH CULTURE PETRI STY D15 PL DISP 500S	1	PG	14.00	1.30	\$133.81
PN: 803669	FILTER CARTRIDGE POWERED AIR PURIFYING RESPIRATOR ACID GAS DUAL 2S	3	PG	1.00	1.00	\$1.00
PN: 805115	FILTER CARTRIDGE POWERED AIR PURIFYING RESPIRATOR CHLORINE DUAL 2S	3	PG	1.00	1.00	\$1.00
PN: 804661	FILTER CARTRIDGE POWERED AIR PURIFYING RESPIRATOR P100 DUAL 2S	3	PG	1.00	1.00	\$1.00
PENDING_PM15	FILTER HOOD HEPA PORTABLE TABLE TOP	1	PG	1.00	1.00	\$1.00
PN: 225 8208	FILTER PREWEIGHTED PVC 37MM 5.0uM 3 PIECE CLEAR 12S	1	EA	1.00	1.00	\$1.00

NSN	NOMENCLATURE	QTY	UI	UNIT WEIGHT	UNIT CUBE	UNIT COST
PN: 571020	KIT CLASSIFIER CHEMICAL w/20 STRIPS 6 POLY THREAD BOBBINS & CHART 20S	1	EA	1.00	1.00	\$1.00
PN: 581020	KIT CLASSIFIER WASTERWATER w/20 STRIPS 6 POLY THREAD BOBBINS & CHART 20S	1	EA	1.00	1.00	\$1.00
7530009820066	LABEL PRESSURE 3.5IN x 1.125 WHITE 248S	1	PG	4.10	0.24	\$1.04
PN: 168HD06	LIQUIDS DISPERSION 6 INDICES .25OZ EA 1.55 1.58 1.605 1.64 1.68 1.70	1	EA	1.00	1.00	\$1.00
7520013964722	MARKER BLACK PERM ULTRA FINE PT SHARPIE 12S	1	PG	0.40	0.00	\$14.27
7530002866915	PAPER GRAPH ENGINEERING 8.5x11IN RULED 100S	1	PG	0.01	0.00	\$8.08
6515001376345	PLUG EAR NOISE PROTECTION UNIV SZ VINYL FOAM CYLINDRICAL 400S	1	BX	2.00	0.40	\$21.71
6640000744191	SLIDE MICROSCOPE PLAIN GLASS 25x75MM 72S	1	PG	0.75	0.01	\$4.37
9905012822285	TAPE BARRICADE CAUTION DO NOT ENTER BLACK ON YELLOW 3INx200FT LG	3	RO	1.15	0.15	\$1.00
5640001032254	TAPE DUCT PLAS COATED SILVER ROLL 2INx60YD	1	RO	1.00	0.04	\$4.27
PN: 8103140	TEST SET 1 CIVIL DEFENSE S/N MUSTARD HCN LEWISITE	5	EA	1.00	1.00	\$1.00
PN: 8101735	TEST SET 1 SIMULTEST INORGANIC GASES ACID BASIC	2	EA	1.00	1.00	\$1.00
PN: 8101736	TEST SET 2 SIMULTEST INORGANIC GASES CO2 H2S CL	2	EA	1.00	1.00	\$1.00
PN: 8101770	TEST SET 3 SIMULTEST ORGANIC GASES METHANOL KETONES	2	EA	1.00	1.00	\$1.00
PN: 8103200	TEST SET 5 CIVIL DEFENSE NERVE COC 12 CYANOGEN CL	5	EA	1.00	1.00	\$1.00
PN: 458480	TUBES SMOKE VELOMETER PLASTIC 12S	1	PG	1.00	1.00	\$1.00
PN: 2251366	TUBING TYGON 3/16IN INNER DIAMETER 2FT	1	PG	1.00	0.10	\$10.00
PN: 225 134	TUBING TYGON 5/16IN INNER DIAMETER 10FT	1	PG	1.00	0.20	\$10.00
PN: 56 679	WICKS MONITOR HEAT STRESS WBGT QUESTEMP 34 10S	1	EA	0.01	0.01	7.75

REPORT DOCUMENTATION PAGE					
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14. ABSTRACT (maximum 200 words) A review of the preventive medicine (PM) Authorized Medical Allowance Lists (AMALs) 637/638 was conducted by the Naval Health Research Center and held at Medical Logistics Company, Camp Pendleton, 2002. Twenty-seven subject matter experts (SMEs) from 14 Navy and Marine Corps commands were assembled and tasked with identifying the primary PM objectives required in a theater of operations. For the 10 primary PM objectives identified, task profiles detailing the step-by-step approach used to achieve the objectives were constructed. SMEs were asked to assign the supplies required to conduct the tasks and to estimate the relative frequency of each task under the conditions of a worst-case scenario conflict. Finally, the number of times each PM task might be conducted and the type and quantity of materiel projected was then organized into deployable PM modules. This report outlines the mission and task-based approach used to ensure that AMALs 637 and 638 contain the medical equipment and supplies needed by the PM personnel (including PM officers, environmental health officers, entomologists, industrial hygiene officers, and PM technicians) to provide force health protection and occupational and environmental health surveillance in all expeditionary environments, as well as the recommended reconfigurations resulting from these analyses.					
15. SUBJECT TERMS Authorized Medical Allowance List (AMAL), preventive medicine (PM), materiel, Industrial Hygiene (IH), entomology, operational and environmental health surveillance (OEHS), task profiles, supply estimation					
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