



Munitions Response Site Prioritization Protocol

Module 3. General Instructions

April 2007

General Instructions Outline

- Protocol Structure
- Data Gathering
- Primer Scoring Tables
- Munitions Response Site (MRS) Background Information
- Explosive Hazard Evaluation (EHE) Module and Chemical Warfare Material (CWM) Hazard Evaluation (CHE) Module Scoring and Rating
- Health Hazard Evaluation (HHE) Module Scoring and Rating
- Determining MRS Priority



Protocol Structure

- The Protocol is composed of three modules that separately evaluate each of the unique hazards associated with UXO, DMM, or MC known or suspected to be present at an MRS
 - ◆ Explosive hazards posed by munitions and explosives of concern (MEC) are evaluated using the EHE Module
 - ◆ Hazards associated with CWM are evaluated using the CHE Module
 - ◆ Health (both acute and chronic) and environmental hazards posed by MC and incidental nonmunitions-related contaminants are evaluated using the HHE Module



Protocol Structure (cont)

Data Elements (Scores)

Factors (Values)

Modules (Ratings)

Munitions Type _____
 Source of Hazard _____

Explosive Hazard

Location of Munitions _____
 Ease of Access _____
 Status of Property _____

Accessibility

Population Density _____
 Population Near Hazard _____
 Types of Activities/Structures _____
 Ecological and/or Cultural Resources _____

Receptor

CWM Configuration _____
 Sources of CWM _____
 Location of CWM _____
 Ease of Access _____
 Status of Property _____

CWM Hazard

Population Density _____
 Population Near Hazard _____
 Types of Activities/Structures _____
 Ecological and/or Cultural Resources _____

Accessibility

Receptor

Significant (H) _____
 Moderate (M) _____
 Minimal (L) _____

Contaminant Hazard

Evident (H) _____
 Potential (M) _____
 Confined (L) _____

Migration Pathway

Identified (H) _____
 Potential (M) _____
 Limited (L) _____

Receptor

EHE Module

CHE Module

HHE Module

**MRS
 Priority**



Data Gathering

- The Protocol was designed to:
 - ◆ Maximize use of MRS-specific data
 - ◆ Be applied early in the munitions response process
- The MRS Project Team should use the latest and most accurate MRS-specific data available when applying the Protocol
- Data sources may include –
 - ◆ Preliminary assessments
 - ◆ Site inspection reports
 - ◆ Environmental baseline studies
 - ◆ Records of decision
- Additional data gathering activities may occasionally be required



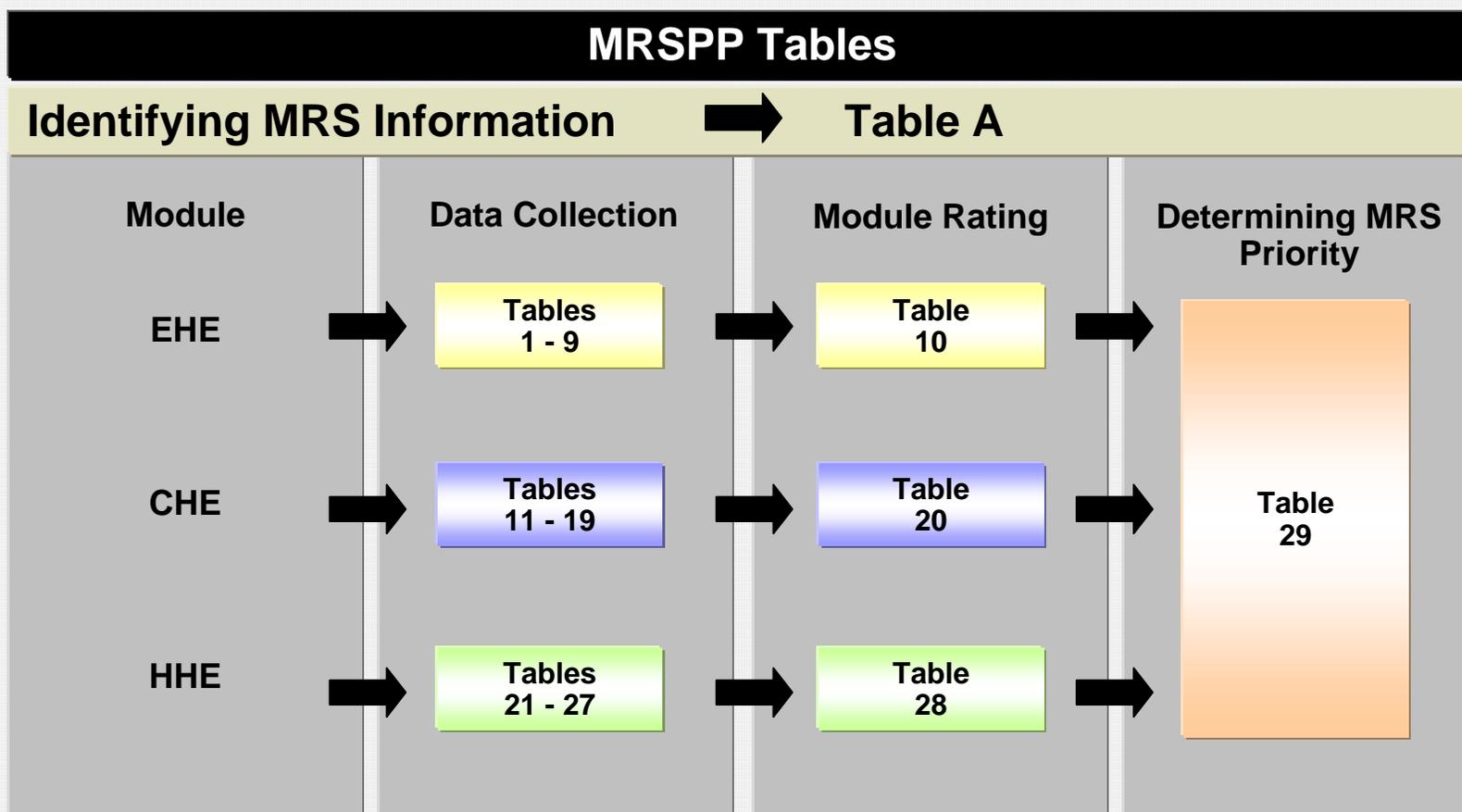
Primer Scoring Tables

- The MRS Project Team uses MRS-specific information applicable to the data elements, factors, and modules to complete the Primer Scoring Tables
- The tables allow the MRS Project Team to develop:
 - ◆ A SCORE for each data element
 - ◆ A VALUE for each factor
 - ◆ A RATING for each module
- Completion of all the tables in at least one module results in a relative “PRIORITY” or “ALTERNATIVE MRS RATING” for the MRS under evaluation



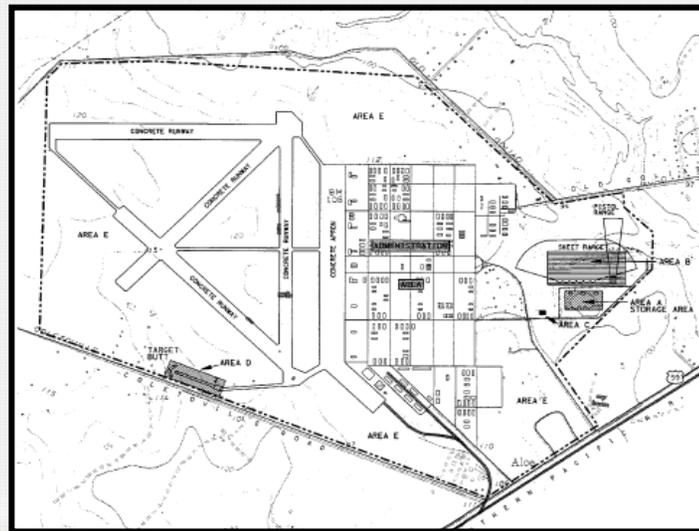
Primer Scoring Tables (cont)

The Primer scoring tables are found in Appendix A of the Primer



MRS Background Information

- Background information about an MRS is documented in Table A
- Background information includes –
 - ◆ Identification information (e.g., MRS name, location, etc.)
 - ◆ Contact information
 - ◆ Brief description of the MRS's conditions
 - ◆ A map of the MRS, if available



Map of MRSs



Table A

MRS Background Information

DIRECTIONS: Record the background information below for the MRS to be evaluated. Much of this information is available from Service and DoD databases. If the MRS is located on a FUDS property, the suitable FUDS property information should be substituted. In the **MRS Summary**, briefly describe the UXO, DMM, or MC that are known or suspected to be present, the exposure setting (the MRS's physical environment), any other incidental nonmunitions related contaminants (e.g., benzene, trichloroethylene) found at the MRS, and any potentially exposed human and ecological receptors. If possible, include a map of the MRS.

Munitions Response Site Name: _____
Component: _____
Installation/Property Name: _____
Location (City, County, State): _____
Site Name/Project Name (Project No.): _____

Date Information Entered/Updated: _____
Point of Contact (Name/Phone): _____
Project Phase (check only one):

<input type="checkbox"/> PA	<input type="checkbox"/> SI	<input type="checkbox"/> RI	<input type="checkbox"/> FS	<input type="checkbox"/> RD
<input type="checkbox"/> R-C	<input type="checkbox"/> RIP	<input type="checkbox"/> R-O	<input type="checkbox"/> RC	<input type="checkbox"/> LTM

Media Evaluated (check all that apply):

<input type="checkbox"/> Groundwater	<input type="checkbox"/> Sediment (human receptor)
<input type="checkbox"/> Surface soil	<input type="checkbox"/> Surface Water (ecological receptor)
<input type="checkbox"/> Sediment (ecological receptor)	<input type="checkbox"/> Surface Water (human receptor)

MRS Summary:

MRS Description: Describe the munitions related activities that occurred at the installation, the dates of operation, and the UXO, DMM, or MC known or suspected to be present. When possible, identify munitions, CWM, and MC by type:

Description of Pathways for Human and Ecological Receptors: _____

Description of Receptors (Human and Ecological): _____

Record the background information for the MRS to be evaluated

Indicate the media under evaluation

Complete the summary of MRS conditions

EHE and CHE Module Scoring

- Directions to score data element tables in the EHE and CHE Modules are identical
 - ◆ EHE Module data elements are found on Tables 1 through 9
 - ◆ CHE Module data elements are found on Tables 11 through 19
- Each data element table includes a list of classifications that reflect a range of potential MRS-specific conditions and their corresponding scores
- MRS-specific data are used to score each data element
- The largest single classification score becomes the overall data element score



EHE and CHE Module Scoring (cont)

Sample Table

Classification	Description	Score
Sensitive	<ul style="list-style-type: none"> UXO that are considered most likely to function upon any interaction with exposed persons (e.g., submunitions, 40mm high explosive [HE] grenades, white phosphorus [WP] munitions, high explosive antitank [HEAT] munitions, and practice munitions with sensitive fuzes, but excluding all other practice munitions). Hand grenades containing energetic filler. Bulk primary explosives, or mixtures of these with environmental media, such that the mixture poses an explosive hazard. 	30
High explosive (used or damaged)	<ul style="list-style-type: none"> UXO containing a high explosive filler (e.g., RDX, Composition B), that are not considered "sensitive." DMM containing a high explosive filler that have: <ul style="list-style-type: none"> Been damaged by burning or detonation Deteriorated to the point of instability. 	25
Pyrotechnic (used or damaged)	<ul style="list-style-type: none"> UXO containing a pyrotechnic filler other than white phosphorus (e.g., flares, signals, simulators, smoke grenades). DMM containing a pyrotechnic filler other than white phosphorus (e.g., flares, signals, simulators, smoke grenades) that have: <ul style="list-style-type: none"> Been damaged by burning or detonation Deteriorated to the point of instability. 	20
High explosive (unused)	<ul style="list-style-type: none"> DMM containing a high explosive filler that: <ul style="list-style-type: none"> Have not been damaged by burning or detonation Are not deteriorated to the point of instability. 	15
Propellant	<ul style="list-style-type: none"> UXO containing mostly single, double, or triple based propellant, or composite propellants (e.g., a rocket motor). DMM containing mostly single, double, or triple based propellant, or composite propellants (e.g., a rocket motor) that are: <ul style="list-style-type: none"> Damaged by burning or detonation Deteriorated to the point of instability. 	15
Bulk secondary high explosives, pyrotechnics, or propellant	<ul style="list-style-type: none"> DMM containing mostly single, double, or triple based propellant, or composite propellants (e.g., a rocket motor). DMM that are bulk secondary high explosives, pyrotechnic compositions, or propellant (not contained in a munition), or mixtures of these with environmental media such that the mixture poses an explosive hazard. 	10
Pyrotechnic (not used or damaged)	<ul style="list-style-type: none"> DMM containing a pyrotechnic filler (i.e., red phosphorus), other than white phosphorus filler, that: <ul style="list-style-type: none"> Have not been damaged by burning or detonation Are not deteriorated to the point of instability. 	10
Practice	<ul style="list-style-type: none"> UXO that are practice munitions that are not associated with a sensitive fuze. DMM that are practice munitions that are not associated with a sensitive fuze and that have not: <ul style="list-style-type: none"> Been damaged by burning or detonation Deteriorated to the point of instability. 	5
Riot control	<ul style="list-style-type: none"> UXO or DMM containing a riot control agent filler (e.g., tear gas). 	3
Small arms	<ul style="list-style-type: none"> Used munitions or DMM that are categorized as small arms ammunition. (Physical evidence or historical evidence that no other types of munitions [e.g., grenades, subcaliber training rockets, demolition charges] were used or are present on the MRS is required for selection of this category.) 	2
Evidence of no munitions	<ul style="list-style-type: none"> Following investigation of the MRS, there is physical evidence that there are no UXO or DMM present, or there is historical evidence indicating that no UXO or DMM are present. 	0
MUNITIONS TYPE	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 30).	

DIRECTIONS: Document any MRS-specific data used in selecting the *Munitions Type* classifications in the space provided.

Circle all applicable data element classifications

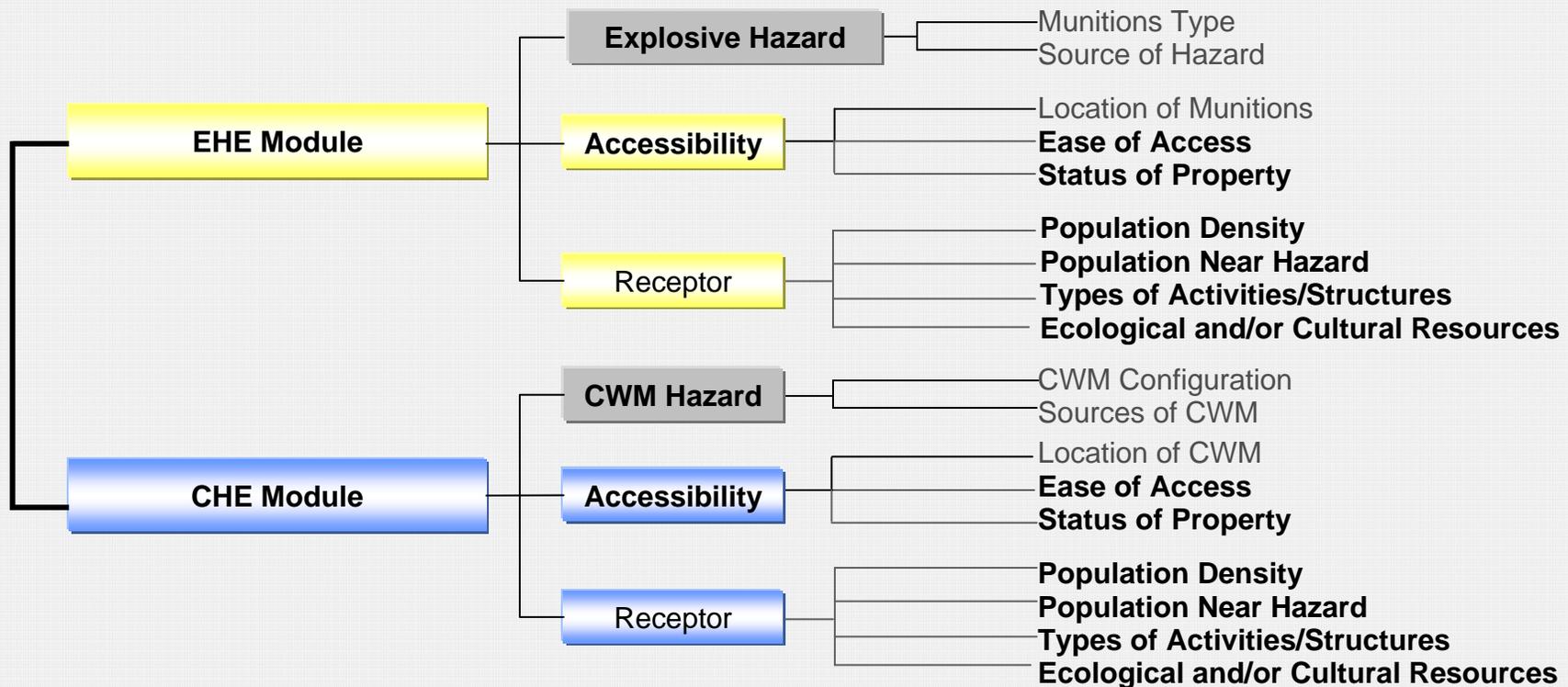
Record only the single highest classification score

DO NOT ADD MULTIPLE SCORES TOGETHER!

Document any MRS-specific data used in selecting the classifications here

EHE and CHE Module Scoring (cont)

- Some data elements in the EHE and CHE Modules are scored identically because of similar classifications



Determining the EHE and CHE Module Rating

- Tables 10 and 20 are used to determine the EHE and CHE Module Ratings, respectively
- For both Tables 10 and 20, the data element scores are recorded and summed together to calculate three factor values
- The factor values are summed to determine the EHE and CHE Module Totals
- The EHE and CHE Module Totals each correspond to a letter rating (found on the bottom of Tables 10 and 20) that becomes the Module Rating
- An MRS can also receive one of three alternative module ratings –
 - ◆ Evaluation Pending
 - ◆ No Longer Required
 - ◆ No Known or Suspected Hazard
- The EHE and CHE Module Rating will be used to determine the MRS's relative priority or alternative rating based on known or suspected explosive or CWM hazards present



Determining the EHE and CHE Module Rating (cont)

Sample Table																																																																										
<p>DIRECTIONS:</p> <ol style="list-style-type: none"> From Tables 11–19, record the data element scores in the Score boxes to the right. Add the Score boxes for each of the three factors and record this number in the Value boxes to the right. Add the three Value boxes and record this number in the CHE Module Total box below. Circle the appropriate range for the CHE Module Total below. Circle the CHE Module Rating that corresponds to the range selected and record this value in the CHE Module Rating box found at the bottom of the table. <p>Note: An alternative module rating may be assigned when a module letter rating is inappropriate. An alternative module rating is used when more information is needed to score one or more data elements, contamination at an MRS was previously addressed, or there is no reason to suspect contamination was ever present at an MRS.</p>	<table border="1"> <thead> <tr> <th colspan="2">CWM Hazard Factor Data Elements</th> <th></th> </tr> </thead> <tbody> <tr> <td>CWM Configuration</td> <td>Table 11</td> <td><input type="text"/></td> </tr> <tr> <td>Sources of CWM</td> <td>Table 12</td> <td><input type="text"/></td> </tr> <tr> <th colspan="2">Accessibility Factor Data Elements</th> <th></th> </tr> <tr> <td>Location of CWM</td> <td>Table 13</td> <td><input type="text"/></td> </tr> <tr> <td>Ease of Access</td> <td>Table 14</td> <td><input type="text"/></td> </tr> <tr> <td>Status of Property</td> <td>Table 15</td> <td><input type="text"/></td> </tr> <tr> <th colspan="2">Receptor Factor Data Elements</th> <th></th> </tr> <tr> <td>Population Density</td> <td>Table 16</td> <td><input type="text"/></td> </tr> <tr> <td>Population Near Hazard</td> <td>Table 17</td> <td><input type="text"/></td> </tr> <tr> <td>Types of Activities/Structures</td> <td>Table 18</td> <td><input type="text"/></td> </tr> <tr> <td>Ecological and/or Cultural Resources</td> <td>Table 19</td> <td><input type="text"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">CHE MODULE TOTAL</td> <td><input type="text"/></td> </tr> <tr> <td>CHE Module Total</td> <td>CHE Module Rating</td> <td></td> </tr> <tr> <td>92 to 100</td> <td>A</td> <td></td> </tr> <tr> <td>82 to 91</td> <td>B</td> <td></td> </tr> <tr> <td>71 to 81</td> <td>C</td> <td></td> </tr> <tr> <td>60 to 70</td> <td>D</td> <td></td> </tr> <tr> <td>48 to 59</td> <td>E</td> <td></td> </tr> <tr> <td>38 to 47</td> <td>F</td> <td></td> </tr> <tr> <td>less than 38</td> <td>G</td> <td></td> </tr> <tr> <td rowspan="3">Alternative Module Ratings</td> <td>Evaluation Pending</td> <td></td> </tr> <tr> <td>No Longer Required</td> <td></td> </tr> <tr> <td>No Known or Suspected CWM Hazard</td> <td></td> </tr> <tr> <td>CHE MODULE RATING</td> <td><input type="text"/></td> <td></td> </tr> </tbody> </table>	CWM Hazard Factor Data Elements			CWM Configuration	Table 11	<input type="text"/>	Sources of CWM	Table 12	<input type="text"/>	Accessibility Factor Data Elements			Location of CWM	Table 13	<input type="text"/>	Ease of Access	Table 14	<input type="text"/>	Status of Property	Table 15	<input type="text"/>	Receptor Factor Data Elements			Population Density	Table 16	<input type="text"/>	Population Near Hazard	Table 17	<input type="text"/>	Types of Activities/Structures	Table 18	<input type="text"/>	Ecological and/or Cultural Resources	Table 19	<input type="text"/>	CHE MODULE TOTAL		<input type="text"/>	CHE Module Total	CHE Module Rating		92 to 100	A		82 to 91	B		71 to 81	C		60 to 70	D		48 to 59	E		38 to 47	F		less than 38	G		Alternative Module Ratings	Evaluation Pending		No Longer Required		No Known or Suspected CWM Hazard		CHE MODULE RATING	<input type="text"/>	
	CWM Hazard Factor Data Elements																																																																									
	CWM Configuration	Table 11	<input type="text"/>																																																																							
	Sources of CWM	Table 12	<input type="text"/>																																																																							
	Accessibility Factor Data Elements																																																																									
	Location of CWM	Table 13	<input type="text"/>																																																																							
	Ease of Access	Table 14	<input type="text"/>																																																																							
	Status of Property	Table 15	<input type="text"/>																																																																							
	Receptor Factor Data Elements																																																																									
	Population Density	Table 16	<input type="text"/>																																																																							
	Population Near Hazard	Table 17	<input type="text"/>																																																																							
	Types of Activities/Structures	Table 18	<input type="text"/>																																																																							
	Ecological and/or Cultural Resources	Table 19	<input type="text"/>																																																																							
	CHE MODULE TOTAL		<input type="text"/>																																																																							
	CHE Module Total	CHE Module Rating																																																																								
92 to 100	A																																																																									
82 to 91	B																																																																									
71 to 81	C																																																																									
60 to 70	D																																																																									
48 to 59	E																																																																									
38 to 47	F																																																																									
less than 38	G																																																																									
Alternative Module Ratings	Evaluation Pending																																																																									
	No Longer Required																																																																									
	No Known or Suspected CWM Hazard																																																																									
CHE MODULE RATING	<input type="text"/>																																																																									

Enter the Hazard Factor Value by summing the data element scores

Enter the Accessibility Factor Value by summing the data element scores

Enter the Receptor Factor Value by summing the data element scores

Add the three factor values

Select the Module Rating that corresponds with the Module Total calculated above

Record the Module Rating in the Module Rating box

HHE Module Scoring

- Similar to the EHE and CHE Modules, the HHE Module has three factors – Contaminant Hazard, Migration Pathway, and Receptor – that limit the influence of any one factor on the HHE Module Rating
- However, the three factors are used to evaluate four distinct environmental media – groundwater, surface water, sediments, and surface soils
- Each medium has a specific table associated with it
 - ◆ The three factors are scored on the same table
 - ◆ Human and ecological receptors for surface water and sediments are evaluated on separate tables
- Each HHE Module factor is assigned a value High (H), Medium (M), or Low (L) based on established classifications within the factor



HHE Module Scoring (cont)

Table 21 HHE Module: Groundwater Data Element Table			
Contaminant Hazard Factor (CHF)			
<p>DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's groundwater and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional groundwater contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard present in the groundwater, select the box at the bottom of the table.</p>			
Contaminant	Maximum Concentration (µg/L)	Comparison Value (µg/L)	Ratios
CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	$CHF = \sum \frac{[\text{Maximum Concentration of Contaminant}]}{[\text{Comparison Value for Contaminant}]}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		
CONTAMINANT HAZARD FACTOR	DIRECTIONS: Record <u>the CHF Value</u> from above in the box to the right (maximum value = H).		<input style="width: 50px; height: 20px;" type="text"/>
Migratory Pathway Factor			
DIRECTIONS: Circle the value that corresponds most closely to the groundwater migratory pathway at the MRS.			
Classification	Description	Value	
Evident	Analytical data or observable evidence indicates that contamination in the groundwater is present at, moving toward, or has moved to a point of exposure.	H	
Potential	Contamination in groundwater has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M	
Confined	Information indicates a low potential for contaminant migration from the source via the groundwater to a potential point of exposure (possibly due to the presence of geological structures or physical controls).	L	
MIGRATORY PATHWAY FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).		<input style="width: 50px; height: 20px;" type="text"/>
Receptor Factor			
DIRECTIONS: Circle the value that corresponds most closely to the groundwater receptors at the MRS.			
Classification	Description	Value	
Identified	There is a threatened water supply well downgradient of the source and the groundwater is a current source of drinking water or source of water for other beneficial uses such as irrigation/agriculture (equivalent to Class I or IIA aquifer).	H	
Potential	There is no threatened water supply well downgradient of the source and the groundwater is currently or potentially usable for drinking water, irrigation, or agriculture (equivalent to Class I, IIA, or IIB aquifer).	M	
Limited	There is no potentially threatened water supply well downgradient of the source and the groundwater is not considered a potential source of drinking water and is of limited beneficial use (equivalent to Class IIIA or IIIB aquifer, or where perched aquifer exists only).	L	
RECEPTOR FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).		<input style="width: 50px; height: 20px;" type="text"/>
No Known or Suspected Groundwater MC Hazard			<input type="checkbox"/>

Determine the Contaminant Hazard Factor Value

Record the value

Circle the value for the Migration Pathway Factor

Record the value

Circle the value for the Receptor Factor

Record the value

Determining the HHE Module Rating

- For each medium evaluated, the three factor values are grouped together to determine a three-letter combination, such that the combination is ranked from highest to lowest (e.g., HHH, HML, LLL)
- Each three-letter combination is assigned one of seven letter ratings (i.e., A – G)
- The HHE Module Rating is the single highest letter rating from across all four media (A is the highest; G is the lowest)
- An MRS can also receive one of three alternative module ratings –
 - ◆ Evaluation Pending
 - ◆ No Longer Required
 - ◆ No Known or Suspected Hazard



Determining the HHE Module Rating (cont)

Table 28 Determining the HHE Module Rating																										
DIRECTIONS: 1. Record the letter values (H, M, L) for the Contaminant Hazard, Migration Pathway, and Receptor Factors for the media (from Tables 21–26) in the corresponding boxes below. 2. Record the media's three letter combinations in the Three Letter Combination boxes below (three letter combinations are arranged from Hs to Ms to Ls). 3. Using the HHE Ratings provided below, determine each media's rating (A–G) and record the letter in the corresponding Media Rating box below.																										
Media (Source)	Contaminant Hazard Factor Value	Migratory Pathway Factor Value	Receptor Factor Value	Three Letter Combination (HsMs Ls)	Media Rating (AG)																					
Groundwater (Table 21)																										
Surface Water/Human Endpoint (Table 22)																										
Sediment/Human Endpoint (Table 23)																										
Surface Water/Ecological Endpoint (Table 24)																										
Sediment/Ecological Endpoint (Table 25)																										
Surface Soil (Table 26)																										
DIRECTIONS (cont.):				HHE MODULE RATING																						
4. Select the single highest Media Rating (A is highest; G is lowest) and enter the letter in the HHE Module Rating box.				<table border="1"> <thead> <tr> <th colspan="2">HHE Ratings (for reference only)</th> </tr> <tr> <th>Combination</th> <th>Rating</th> </tr> </thead> <tbody> <tr><td>HHH</td><td>A</td></tr> <tr><td>HHM</td><td>B</td></tr> <tr><td>HHL</td><td rowspan="2">C</td></tr> <tr><td>HMM</td></tr> <tr><td>HML</td><td rowspan="2">D</td></tr> <tr><td>MMM</td></tr> <tr><td>HLL</td><td rowspan="2">E</td></tr> <tr><td>MML</td></tr> <tr><td>MLL</td><td>F</td></tr> <tr><td>LLL</td><td>G</td></tr> </tbody> </table>		HHE Ratings (for reference only)		Combination	Rating	HHH	A	HHM	B	HHL	C	HMM	HML	D	MMM	HLL	E	MML	MLL	F	LLL	G
HHE Ratings (for reference only)																										
Combination	Rating																									
HHH	A																									
HHM	B																									
HHL	C																									
HMM																										
HML	D																									
MMM																										
HLL	E																									
MML																										
MLL	F																									
LLL	G																									
Note: An alternative module rating may be assigned when a module letter rating is inappropriate. An alternative module rating is used when more information is needed to score one or more media, contamination at an MRS was previously addressed, or there is no reason to suspect contamination was ever present at an MRS.				<table border="1"> <tbody> <tr> <td rowspan="3">Alternative Module Ratings</td> <td>Evaluation Pending</td> </tr> <tr> <td>No Longer Required</td> </tr> <tr> <td>No Known or Suspected MC Hazard</td> </tr> </tbody> </table>		Alternative Module Ratings	Evaluation Pending	No Longer Required	No Known or Suspected MC Hazard																	
Alternative Module Ratings	Evaluation Pending																									
	No Longer Required																									
	No Known or Suspected MC Hazard																									

Record the values for each factor of each medium

Arrange the factor values for each medium from highest (H) to lowest (L) to determine the three-letter combination

Use the HHE Rating reference section to determine the appropriate Media Rating

Record the highest Media Rating from above (A is highest, G is lowest) . This is the HHE Module Rating

Determining MRS Priority

- Table 29 is used to determine the MRS Priority or Alternative MRS Rating, based on the module with the highest potential hazard rating
- MRSs are assigned one of eight numerical priorities (1-8) or to one of the three alternative ratings below –
 - ◆ Evaluation Pending
 - ◆ No Longer Required
 - ◆ No Known or Suspected Hazard
- The three module ratings are independent (i.e., they are not added together)
- At least one module must be completed to assign an MRS a relative priority or alternative rating



Determining MRS Priority (cont)

- Alternative MRS ratings defined –
 - ◆ Evaluation Pending – There are known or suspected hazards but sufficient information is not available to populate the nine data elements of the module
 - ◆ No Longer Required – The MRS no longer requires an assigned priority because –
 - DoD has conducted a response
 - DoD has achieved all DoD objectives set out in the decision document for the MRS
 - No further action, except for long-term management and recurring reviews, is required
 - ◆ No Known or Suspected Hazard – The MRS does not require evaluation under the module



Determining MRS Priority (cont)

Select the EHE Priority that corresponds with the EHE Module Rating on Table 10

Table 29
MRS Priority

DIRECTIONS: In the chart below, circle the letter **rating** for each module recorded in Table 10 (EHE), Table 20 (CHE), and Table 28 (HHE). Circle the corresponding numerical **priority** for each module. If information to determine the module rating is not available, choose the appropriate alternative module rating. The MRS Priority is the single highest priority; record this relative priority in the **MRS Priority or Alternative MRS Rating** at the bottom of the table.

Note: An MRS assigned Priority 1 has the highest relative priority; an MRS assigned Priority 8 has the lowest relative priority. Only an MRS with CWM known or suspected to be present can be assigned Priority 1; an MRS that has CWM known or suspected to be present cannot be assigned Priority 8.

Select the CHE Priority that corresponds with the CHE Module Rating on Table 20

EHE Rating	Priority	CHE Rating	Priority	HHE Rating	Priority
A	2	A	1	A	2
B	3	B	2	B	3
C	4	C	3	C	4
D	5	D	4	D	5
E	6	E	5	E	6
F	7	F	6	F	7
G	8	G	7	G	8
Evaluation Pending		Evaluation Pending		Evaluation Pending	
No Longer Required		No Longer Required		No Longer Required	
No Known or Suspected Explosive Hazard		No Known or Suspected CWM Hazard		No Known or Suspected MC Hazard	
MRS PRIORITY or ALTERNATIVE MRS RATING					

Select the HHE Priority that corresponds with the HHE Module Rating on Table 28

The MRS Priority is the single highest priority of the three modules unless an Alternative MRS Rating is appropriate

General Instructions

Questions?

