	available FUDS p DMM, or environr found at map of t	the background inform e from Service and Do roperty information sh r MC that are known o nent), any other incide the MRS, and any po he MRS.	S Backgro nation below D databases ould be subs or suspected ental non-mu itentially expo	for the M s. If the M stituted. I to be pre- unitions-re- osed hun	formation RS to be evalua /IRS is located o n the MRS Sum sent, the exposu elated contamina	ted. Much of this informant n a FUDS property, the s mary , briefly describe th are setting (the MRS's ph nts (e.g., benzene, trichle al receptors. If possible,	suitable e UXO, iysical oroethylene) include a
	mitions Respons mponent: Activ	se Site Name: /e Army	WSTPT-02	23-R-01		WEBCASS: 36	993.1066
Ins Loc Sit	stallation/Prope cation (City, Cou e Name/Project	erty Name: West unty, State): We Name (Project	est Point Milit No.): WS	ary Rese	rvation, Orange	County, New York VS NEST IMPACT ARE/	Ą
Poi	e Information Enternation Ente		ly 2024 .ogwood, (52	20) 674-2	269		
	D PA	SI SI	🗆 RI		🗙 FS	RD	
	RA-C	□ RIP	🗆 RA-O		□ RC		
Ме	dia Evaluated (che	ck all that apply):					
	Groundwater	_		X 🗆 Se	ediment (human	receptor)	
	X I Surface soil			-		ological receptor)	
	X 🗆 Sediment (ecc	ological receptor)		🗆 Su	Irface Water (hui		
Doo	- Remedial Investig - Feasibility Study (ghout this MRSPP in jation (RI), Dated De FS), Dated October nt (DD), Dated Febru	ecember 20 2018.)16.			is 2027 11 15
ear		llery range fans, inc				curred from the early ted on the east side of	
MEC known or Suspected at the MRS include: 75mm shrapnel and high explosive (HE) projectiles; 6-inch common HE projectiles; 4.7-inch HE projectiles; 155mm HE projectiles; and various associated fuzes and boosters. In addition, 6- and 8-inch cannonball MD and solid shot rounds (e.g., Parrott) (DD, Section 2.5.2.1, Page 2-5).							
CHE Rated as NKSH: Per the DD, Section 2.5.2.1, Page 2-5, only conventional munitions were used. There is no historical use of CWM at the MRS and no documentation of CWM use was found during the review of historical documents of WSTPT-023-R-01.							
cha Dur targ	racterized and that ing the RI, increme get metals. Lead co	the MRS should unc ntal soil and sedime oncentrations were d	lergo no fur ent samples letected abo	rther act were co ove hum	ion for MC (DD llected for MC a an health and e	xtent of MC was adequed section 2.5.2.2, Page and analyzed for explo ecological screening cr n soil and sediment po	e 2-6). sives and iteria in

surface soil and sediment. A Human Health Risk Assessment indicated lead in soil and sediment posed no unacceptable risk to human health and the Screening Level Ecological Risk Assessment results indicated that adverse ecological effects were negligible for a population or community. The Army concluded in the RI that the nature and extent of MC was adequately characterized and that the MRS should undergo no further action for MC (DD, Sections 2.5.2.2, Page 2-6 and 2.7.2, Page 2-7.)

Stakeholder Involvement - TBD

Table A Continued

Description of Pathways for Human and Ecological Receptors: Human receptor pathways for MEC are considered complete through surface and subsurface soils (DD, Section 2.7.1, Page 2-6).

MC exposure pathways for soil and sediment are complete but the risk assessment determined no acceptable risks to human health and the environment (DD, Section 2.7.2, Page 2-7).

Description of Receptors (Human and Ecological): installation personnel, contractors, trespassers, firefighters, hunters, hikers, and campers (DD, Section 2.7.1, Page 2-7).

There are ecological resources on the MRS (FS, Sections 1.2.3, Page 1-3).

Table 1 EHE Module: Munitions Type Data Element Table

DIRECTIONS: Below are 11 classifications of munitions and their descriptions. Circle the scores that correspond with <u>all</u> the munitions types known or suspected to be present at the MRS.

Note: The terms *practice munitions, small arms ammunition, physical evidence,* and *historical evidence* are defined in Appendix C of the Primer.

Classification	Description	Score
Sensitive	 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)	 UXO containing a high-explosive filler (e.g., RDX, Composition B), that are not considered "sensitive." DMM containing a high-explosive filler that have: Been damaged by burning or detonation Deteriorated to the point of instability. 	25
Pyrotechnic (used or damaged)	 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: Been damaged by burning or detonation Deteriorated to the point of instability. 	20
High explosive (unused)	 DMM containing a high-explosive filler that: Have not been damaged by burning or detonation Are not deteriorated to the point of instability. 	15
Propellant	 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: Damaged by burning or detonation Deteriorated to the point of instability. 	15
Bulk secondary high explosives, pyrotechnics, or propellant	 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)	 DMM containing a pyrotechnic filler (i.e., red phosphorus), other than white phosphorus filler, that: Have not been damaged by burning or detonation Are not deteriorated to the point of instability. 	10
Practice	 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: Been damaged by burning or detonation Deteriorated to the point of instability. 	5
Riot control	• UXO or DMM containing a riot control agent filler (e.g., tear gas).	3
Small arms	 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	 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).	25

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

MEC known or Suspected at the MRS include: 75mm shrapnel and high explosive (HE) projectiles; 6-inch common HE projectiles; 4.7-inch HE projectiles; 155mm HE projectiles; and various associated fuzes and boosters (DD, Section 2.5.2.1, Page 2-5).

Table 2 EHE Module: Source of Hazard Data Element Table

DIRECTIONS: Below are 11 classifications describing sources of explosive hazards. Circle the scores that correspond with <u>all</u> the sources of explosive hazards known or suspected to be present at the MRS. **Note:** The terms *former range, practice munitions, small arms range, physical evidence,* and *historical evidence* are

Note: The terms former range, practice munitions, small arms range, physical evidence, and historical evidence are defined in Appendix C of the Primer.

Classification	Description	Score
Former range	 The MRS is a former military range where munitions (including practice munitions with sensitive fuzes) have been used. Such areas include impact or target areas and associated buffer and safety zones. 	10
Former munitions treatment (i.e., OB/OD) unit	 The MRS is a location where UXO or DMM (e.g., munitions, bulk explosives, bulk pyrotechnic, or bulk propellants) were burned or detonated for the purpose of treatment prior to disposal. 	8
Former practice munitions range	• The MRS is a former military range on which only practice munitions without sensitive fuzes were used.	6
Former maneuver area	• The MRS is a former maneuver area where no munitions other than flares, simulators, smokes, and blanks were used. There must be evidence that no other munitions were used at the location to place an MRS into this category.	5
Former burial pit or other disposal area	 The MRS is a location where DMM were buried or disposed of (e.g., disposed of into a water body) without prior thermal treatment. 	5
Former industrial operating facilities	• The MRS is a location that is a former munitions maintenance, manufacturing, or demilitarization facility.	4
Former firing points	 The MRS is a firing point, where the firing point is delineated as an MRS separate from the rest of a former military range. 	4
Former missile or air defense artillery emplacements	• The MRS is a former missile defense or air defense artillery (ADA) emplacement not associated with a military range.	2
Former storage or transfer points	• The MRS is a location where munitions were stored or handled for transfer between different modes of transportation (e.g., rail to truck, truck to weapon system).	2
Former small arms range	• The MRS is a former military range where only small arms ammunition was used. (There must be evidence that no other types of munitions [e.g., grenades] were used or are present to place an MRS into this category.)	1
Evidence of no munitions	 Following investigation of the MRS, there is physical evidence that no UXO or DMM are present, or there is historical evidence indicating that no UXO or DMM are present. 	0
SOURCE OF HAZARD	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 10).	10

DIRECTIONS: Document any MRS-specific data used in selecting the *Source of Hazard* classifications in the space provided.

The MRS is a former artillery range impact area (DD, Section 2.2.1, Page 2-1).

Table 3 EHE Module: Location of Munitions Data Element Table

DIRECTIONS: Below are eight classifications of munitions locations and their descriptions. Circle the scores that correspond with <u>all</u> the locations where munitions are known or suspected to be present at the MRS.
 Note: The terms *confirmed, surface, subsurface, small arms ammunition, physical evidence,* and *historical evidence* are defined in Appendix C of the Primer.

Classification	Description	Score
Confirmed surface	 Physical evidence indicates that there are UXO or DMM on the surface of the MRS. Historical evidence (i.e., a confirmed report such as an explosive ordnance disposal [EOD], police, or fire department report that an incident or accident that involved UXO or DMM occurred) indicates there are UXO or DMM on the surface of the MRS. 	25
Confirmed subsurface, active	 Physical evidence indicates the presence of UXO or DMM in the subsurface of the MRS, and the geological conditions at the MRS are likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena (e.g., drought, flooding, erosion, frost heave, tidal action), or intrusive activities (e.g., plowing, construction, dredging) at the MRS are likely to expose UXO or DMM. Historical evidence indicates that UXO or DMM are located in the subsurface of the MRS and the geological conditions at the MRS are likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena (e.g., drought, flooding, erosion, frost heave, tidal action), or intrusive activities (e.g., drought, flooding, erosion, frost heave, tidal action), or intrusive activities (e.g., plowing, construction, dredging) at the MRS are likely to expose UXO or DMM. 	20
Confirmed subsurface, stable	 Physical evidence indicates the presence of UXO or DMM in the subsurface of the MRS and the geological conditions at the MRS are not likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena, or intrusive activities at the MRS are not likely to cause UXO or DMM to be exposed. Historical evidence indicates that UXO or DMM are located in the subsurface of the MRS and the geological conditions at the MRS are not likely to cause UXO or DMM to be exposed. Historical evidence indicates that UXO or DMM are located in the subsurface of the MRS and the geological conditions at the MRS are not likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena, or intrusive activities at the MRS are not likely to cause UXO or DMM to be exposed. 	15
Suspected (physical evidence)	 There is physical evidence (e.g., munitions debris such as fragments, penetrators, projectiles, shell casings, links, fins), other than the documented presence of UXO or DMM, indicating that UXO or DMM may be present at the MRS. 	10
Suspected (historical evidence)	• There is historical evidence indicating that UXO or DMM may be present at the MRS.	5
Subsurface, physical constraint	• There is physical or historical evidence indicating that UXO or DMM may be present in the subsurface, but there is a physical constraint (e.g., pavement, water depth over 120 feet) preventing direct access to the UXO or DMM.	2
Small arms (regardless of location)	 The presence of small arms ammunition is confirmed or suspected, regardless of other factors such as geological stability. (There must be evidence that no other types of munitions [e.g., grenades] were used or are present at the MRS to place an MRS into this category.) 	1
Evidence of no munitions	 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
LOCATION OF MUNITIONS	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 25).	25

DIRECTIONS: Document any MRS-specific data used in selecting the Location of Munitions classifications

At the MRS, MEC was recovered in the surface and subsurface (DD, Section 2.7.1, Page 2-7) & (FS, Section 1.3.1, Page 1-6).

Erosion and storm-water runoff are a concern at the MRS (FS, Section 1.5.3, Page 1-9).

MD was found on the surface and subsurface (FS, Section 1.5.1, Page 1-9).

Table 4 EHE Module: Ease of Access Data Element Table

DIRECTIONS: Below are four classifications of barrier types that can surround an MRS and their descriptions. The barrier type is directly related to the ease of public access to the MRS. Circle the score that corresponds with the ease of access to the MRS.

Note: The term *barrier* is defined in Appendix C of the Primer.

Classification	Description	Score	
No barrier	 There is no barrier preventing access to any part of the MRS (i.e., all parts of the MRS are accessible). 	10	
Barrier to MRS access is incomplete• There is a barrier preventing access to parts of the MRS, but not the entire MRS.		8	
Barrier to MRS access is complete but not monitored	• There is a barrier preventing access to all parts of the MRS, but there is no surveillance (e.g., by a guard) to ensure that the barrier is effectively preventing access to all parts of the MRS.	5	
 There is a barrier preventing access to all parts of the MRS, and there is active, continual surveillance (e.g., by a guard, video monitoring) to ensure that the barrier is effectively preventing access to all parts of the MRS. 			
EASE OF ACCESS DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 10).			
DIRECTIONS: Document any M provided.	MRS-specific data used in selecting the Ease of Access classification in the s	pace	
There is no barrier to the MRS (I	DD, Section 2.6, Page 2-6).		

Table 5 EHE Module: Status of Property Data Element Table

DIRECTIONS: Below are three classifications of the status of a property within the Department of Defense (DoD) and their descriptions. Circle the score that corresponds with the status of property at the MRS.

Classification	Description	Score		
Non-DoD control	 The MRS is at a location that is no longer owned by, leased to, or otherwise possessed or used by DoD. Examples are privately owned land or water bodies; land or water bodies owned or controlled by state, tribal, or local governments; and land or water bodies managed by other federal agencies. The MRS is at a location that is owned by DoD, but that DoD has leased to another entity and for which DoD does not control access 24 hours per day. 			
Scheduled for transfer from DoD control	 The MRS is on land or is a water body that is owned, leased, or otherwise possessed by DoD, and DoD plans to transfer that land or water body to the control of another entity (e.g., a state, tribal, or local government; a private party; another federal agency) within 3 years from the date the Protocol is applied. 			
DoD control	 The MRS is on land or is a water body that is owned, leased, or otherwise possessed by DoD. With respect to property that is leased or otherwise possessed, DoD must control access to the MRS 24 hours per day, every day of the calendar year. 			
STATUS OF PROPERTY	STATUS OF PROPERTY DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 5).			
DIRECTIONS: Document any MRS-specific data used in selecting the Status of Property classification in the space provided.				
The MRS is located on West Point under DoD control (FS, Section 1.2.1, Page 1-2).				

Table 6 EHE Module: Population Density Data Element Table

- **DIRECTIONS:** Below are three classifications for population density and their descriptions. Determine the population density per square mile that most closely corresponds with the population of the MRS, including the area within a two-mile radius of the MRS's perimeter. Circle the most appropriate score.
- **Note:** Use the U.S. Census Bureau tract data available to capture the <u>highest</u> population density within a two-mile radius of the perimeter of the MRS.

Classification	Description	Score		
> 500 persons per square mile	There are more than 500 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	5		
100–500 persons per square mile	There are 100 to 500 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	3		
< 100 persons per square mile	There are fewer than 100 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	1		
POPULATION DENSITY	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 5).	3		
DIRECTIONS: Document any MRS-specific data used in selecting the Population Density classification in the space				

DIRECTIONS: Document any MRS-specific data used in selecting the *Population Density* classification in the space provided.

The MRS is in Orange County. The towns of Cold Spring, Highland Falls, and Garrison are within two miles of the MRS boundary, but they are not listed in census.gov

There are 494 persons per square mile in the U.S. Census Bureau tract in which the MRS is located in Orange County; and 398 at West Point.

https://www.census.gov/quickfacts/fact/table/westpointcdpnewyork,orangecountynewyork/PST045223

EHE Module: Population Near Hazard Data Element Table

DIRECTIONS: Below are six classifications describing the number of inhabited structures near the MRS. The number of inhabited buildings relates to the potential population near the MRS. Determine the number of inhabited structures within two miles of the MRS boundary and circle the score that corresponds with the number of inhabited structures.

Note: The term *inhabited structures* is defined in Appendix C of the Primer.

Classification	Description	Score
26 or more inhabited structures	 There are 26 or more inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	5
16 to 25 inhabited structures	 There are 16 to 25 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	4
11 to 15 inhabited structures	 There are 11 to 15 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	3
6 to 10 inhabited structures	 There are 6 to 10 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	2
1 to 5 inhabited structures	 There are 1 to 5 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	1
0 inhabited structures	 There are no inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both. 	0
POPULATION NEAR HAZARD	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 5).	5

DIRECTIONS: Document any MRS-specific data used in selecting the Population Near Hazard

There are more than 26 structures within two miles of the MRS boundary (FS, Figure A-2, Page 88).

https://earth.google.com/web/@41.41126492,-73.98547797,384.31150451a,9585.90131232d,35y,0h,0t,0r/data=OgMKATA

Table 8 EHE Module: Types of Activities/Structures Data Element Table

DIRECTIONS: Below are five classifications of activities and/or inhabited structures and their descriptions. Review the types of activities that occur and/or structures that are present within two miles of the MRS and circle the scores that correspond with <u>all</u> the activities/structure classifications at the MRS.
Note: The term *inhabited structure* is defined in Appendix C of the Primer.

Classification Description Score Activities are conducted, or inhabited structures are located up to two miles from the MRS's boundary or within the MRS's boundary, that are associated with any of the following purposes: residential, educational, child care, critical assets Residential, educational, (e.g., hospitals, fire and rescue, police stations, dams), hotels, commercial. or subsistence commercial, shopping centers, playgrounds, community gathering areas, religious sites, or sites used for subsistence hunting, fishing, and gathering. Activities are conducted, or inhabited structures are located up ٠ to two miles from the MRS's boundary or within the MRS's Parks and recreational areas boundary, that are associated with parks, nature preserves, or other recreational uses. Activities are conducted, or inhabited structures are located up ٠ to two miles from the MRS's boundary or within the MRS's 3 Agricultural, forestry boundary, that are associated with agriculture or forestry. Activities are conducted, or inhabited structures are located up ٠ to two miles from the MRS's boundary or within the MRS's boundary, that are associated with industrial activities or Industrial or warehousing warehousing. There are no known or recurring activities occurring up to two ٠ 1 No known or recurring activities miles from the MRS's boundary or within the MRS's boundary. DIRECTIONS: Record the single highest score from above in TYPES OF 5 **ACTIVITIES/STRUCTURES** the box to the right (maximum score = 5).

DIRECTIONS: Document any MRS-specific data used in selecting the Types of Activities/Structures classifications

There are residences, academic activities, recreational activities, and industrial activities on or within two miles of the MRS boundary (FS, Section 1.2.1, Page 1-2) & (FS, Figure A-2, Page 88).

https://earth.google.com/web/@41.41126492,-73.98547797,384.31150451a,9585.90131232d,35y,0h,0t,0r/data=OgMKATA

Table 9 EHE Module: Ecological and/or Cultural Resources Data Element Table

DIRECTIONS: Below are four classifications of ecological and/or cultural resources and their descriptions. Review the types of resources present and circle the score that corresponds with the ecological and/or cultural resources present on the MRS.

Note: The terms ecological resources and cultural resources are defined in Appendix C of the Primer.

Classification	Description	Score
Ecological and cultural resources present	There are both ecological and cultural resources present on the MRS.	5
Ecological resources present	There are ecological resources present on the MRS.	3
Cultural resources present	There are cultural resources present on the MRS.	3
No ecological or cultural resources present	 There are no ecological resources or cultural resources present on the MRS. 	0
ECOLOGICAL AND/OR CULTURAL RESOURCES	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 5).	5
The MRS contains cultural and a	y MRS-specific data used in selecting the Ecological and/or Cultural Resource archaeological resources (DD, Section 2.5.1.5, Page 2-5). on the MRS (FS, Sections 1.2.3, Page 1-3). ands occur within the MRS (FS, Sections 1.2.2, Page 1-3).	ies

Table 10 Determining the EHE Module Rating

DIRECTIONS:

- 1. From Tables 1–9, record the data element scores in the **Score** boxes to the right.
- 2. 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 EHE Module Total box below.
- 4. Circle the appropriate range for the **EHE Module Total** below.
- 5. Circle the EHE Module Rating that corresponds to the range selected and record this value in the EHE Module Rating box found at the bottom of the table.

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.

ig the EHE Module Rating					
	Source	Score	Value		
Explosive Hazard Factor Data Elements					
Munitions Type	Table 1	25	35		
Source of Hazard	Table 2	10	55		
Accessibility Factor Data Elemen	nts				
Location of Munitions	Table 3	25			
Ease of Access	Table 4	10	35		
Status of Property	Table 5	0			
Receptor Factor Data Elements					
Population Density	Table 6	3			
Population Near Hazard	Table 7	5	18		
Types of Activities/Structures	Table 8	5	10		
Ecological and/or Cultural Resources	Table 9	5			
EHE	MODULE	TOTAL	88		
EHE Module Total	EHE	Module R	ating		
92 to 100		А			
82 to 91		В			
71 to 81	С				
11601		C			
60 to 70		D			
60 to 70		D			
60 to 70 48 to 59		D			
60 to 70 48 to 59 38 to 47	Eva	D E F	ding		
60 to 70 48 to 59 38 to 47		D E F G	-		
60 to 70 48 to 59 38 to 47 less than 38	No No Kn	D E F G Iluation Pend	uired		

Table 11 CHE Module: CWM Configuration Data Element Table

DIRECTIONS: Below are seven classifications of CWM configuration and their descriptions. Circle the scores that correspond with <u>all</u> the CWM configurations known or suspected to be present at the MRS.
 Note: The terms *CWM/UXO*, *CWM/DMM*, *physical evidence*, and *historical evidence* are defined in Appendix C of the Primer.

Classification	Description	Score
CWM, that are either UXO, or explosively configured damaged DMM	 The CWM known or suspected of being present at the MRS are: CWM that are UXO (i.e., CWM/UXO) Explosively configured CWM that are DMM (i.e., CWM/DMM) that have been damaged. 	30
CWM mixed with UXO	The CWM known or suspected of being present at the MRS are undamaged CWM/DMM or CWM not configured as a munition that are commingled with conventional munitions that are UXO.	25
CWM, explosive configuration that are undamaged DMM	The CWM known or suspected of being present at the MRS are explosively configured CWM/DMM that have not been damaged.	20
CWM/DMM, not explosively configured or CWM, bulk container	 The CWM known or suspected of being present at the MRS are: Nonexplosively configured CWM/DMM either damaged or undamaged Bulk CWM (e.g., ton container). 	15
CAIS K941 and CAIS K942	The CWM/DMM known or suspected of being present at the MRS are CAIS K941-toxic gas set M-1 or CAIS K942-toxic gas set M- 2/E11.	12
CAIS (chemical agent identification sets)	CAIS, other than CAIS K941 and K942, are known or suspected of being present at the MRS.	10
Evidence of no CWM	 Following investigation, the physical evidence indicates that CWM are not present at the MRS, or the historical evidence indicates that CWM are not present at the MRS. 	0
CWM CONFIGURATION	DIRECTIONS: Record <u>the single highest score</u> from above in the box to the right (maximum score = 30).	0

DIRECTIONS: Document any MRS-specific data used in selecting the CWM Configuration classifications

Per the DD, Section 2.5.2.1, Page 2-5, only conventional munitions were used. There is no historical use of CWM at the MRS and no documentation of CWM use was found during the review of historical documents of WSTPT-023-R-01.

IAW Army Guidance, Tables 12-19 have been omitted.

Table 20 Determining the CHE Module Rating

		Source	Score	Value
	CWM Hazard Factor Data Elemer	nts	_	-
	CWM Configuration	Table 11	0	0
d the e	Sources of CWM	Table 12		0
	Accessibility Factor Data Elemer	nts		
each	Location of CWM	Table 13		
cord ooxes	Ease of Access	Table 14		
	Status of Property	Table 15		
s and CHE	Receptor Factor Data Elements			
0112	Population Density	Table 16		
ge for	Population Near Hazard	Table 17		
low.	Types of Activities/Structures	Table 18		
ating nge	Ecological and/or Cultural Resources	Table 19		
alue in box	CHE	MODULE	TOTAL	0
table.	CHE Module Total	CHE	Module R	ating
	92 to 100		А	
be ting is	82 to 91		В	
dule	71 to 81		С	
ation is a	60 to 70		D	
RS was no	48 to 59	E		
was	38 to 47	F		
	less than 38	G		
		Evaluation Pending		ding
	Alternative Module Ratings	No Longer Required		
			wn or Sus WM Haza	
	CHE MODULE RATING	No Kno	wn or Su WM Haza	spected

DIRECTIONS:

- From Tables 11–19, record the data element scores in the Score boxes to the right.
- 2. Add the **Score** boxes for each of the three factors and record this number in the **Value** boxes to the right.
- 3. Add the three **Value** boxes and record this number in the **CHE Module Total** box below.
- 4. 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.

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.

HHE Module: Groundwater Data Element Table

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.			
Contaminant	Maximum Concentration (μg/L)	Comparison Value (μg/L)	Ratios
CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	CHF = $\sum_{i=1}^{i}$ [Maximum Concentration of Co	ontaminant]
100 > CHF > 2	M (Medium)	CHF = [Comparison Value for Conta	
2 > CHF CONTAMINANT			ininiantj
HAZARD FACTOR	DIRECTIONS: Record <u>the CHF Value</u> (maximum value = H).	from above in the box to the right	
DIRECTIONS: Circle	<u>Migratory Pathw</u> he value that corresponds most closely to	a <mark>y Factor</mark> the groundwater migratory pathway at the I	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.		Н
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.		М
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 the single high		
PAINWATFACTOR	right (maximum value = H).		
DIRECTIONS: Circle t	he value that corresponds most closely to		
Classification	Desc	cription	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).		Н
Potential	There is no threatened water supply well downgra or potentially usable for drinking water, irrigation, aquifer).	adient of the source and the groundwater is currently or agriculture (equivalent to Class I, IIA, or IIB	М
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
			L
RECEPTOR FACTOR		er exists only). The st value from above in the box to the	L

Media not sampled. Groundwater has not been assessed at the MRS; it is unlikely to be present in significant quantities based on the prevalence of exposed/shallow granitic bedrock (DD, Section 2.5.1.4.2, Page 2-5).

HHE Module: Surface Water – Human Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the **maximum concentrations** of all contaminants in the MRS's surface water 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 surface water 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 with human endpoints present in the surface water, select the box at the bottom of the table.

Contaminant	Maximum Concentration (µg/L)	Comparison Value (µg/L)	Ratios
			1
CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	Movimum Concentration of C	antominantl
100 > CHF > 2	M (Medium)	$CHF = \sum $ [Maximum Concentration of Co	ontaminantj
2 > CHF	L (Low)	[Comparison Value for Conta	minant]
CONTAMINANT HAZARD FACTOR	DIRECTIONS: Record <u>the CHF Value</u> (maximum value = H).	from above in the box to the right	
Migratory Pathway Factor DIRECTIONS: Circle the value that corresponds most closely to the surface water migratory pathway at the MRS.			
Classification	Desc	cription	Value
Evident	Analytical data or observable evidence indicates that contamination in the surface water is present at, moving toward, or has moved to a point of exposure.		Н
Potential	Contamination in surface water has moved only sl move but is not moving appreciably, or information or Confined.	lightly beyond the source (i.e., tens of feet), could n is not sufficient to make a determination of Evident	М

Confined	Information indicates a low potential for contaminant migration from the source via the surface water to a potential point of exposure (possibly due to the presence of geological structures or physical controls).	
MIGRATORY PATHWAY FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).	

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface water receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to surface water to which contamination has moved or can move.	Н
Potential	Potential for receptors to have access to surface water to which contamination has moved or can move.	М
Limited	Little or no potential for receptors to have access to surface water to which contamination has moved or can move.	L
RECEPTOR FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).	
	No Known or Suspected Surface Water (Human Endpoint) MC Hazard	

Media not sampled.

Perennial surface water sources do not flow through the MRS (RI, Section 1.3.3.5, Page 1-10).

HHE Module: Sediment – Human Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the **maximum concentrations** of all contaminants in the MRS's sediment 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 sediment 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 with human endpoints present in the sediment, select the box at the bottom of the table.

Contaminant	Maximum Concentration (mg/kg)	Comparison Value (mg/kg)	Ratios
LEAD	4470	400	11.175
CHF Scale	CHF Value	Sum The Ratios	11.175
CHF > 100	H (High)	CHF = $\sum_{i=1}^{i}$ [Maximum Concentration of C	ontaminantl
100 > CHF > 2	M (Medium)	$CHF = \sum_{i=1}^{n} \frac{1}{(Comparison Value for Contact of Contact $	
2 > CHF	L (Low)	[Comparison Value for Conta	aminantj
CONTAMINANT HAZARD FACTOR	DIRECTIONS: Record <u>the CHF Value</u> maximum value = H).	from above in the box to the right	М
		the sediment migratory pathway at the MR	
Classification		cription	Value
Evident	Analytical data or observable evidence indicates moving toward, or has moved to a point of exposit		Н
	Contamination in sediment 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.		
Potential	but is not moving appreciably, or information is not	tly beyond the source (i.e., tens of feet), could move	М
Potential Confined	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin	tly beyond the source (i.e., tens of feet), could move	M
	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or ant migration from the source via the sediment to a resence of geological structures or physical controls).	
Confined MIGRATORY	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pr DIRECTIONS: Record <u>the single high</u> right (maximum value =	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H).	L
Confined MIGRATORY PATHWAY FACTOR	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pr DIRECTIONS: Record <u>the single high</u>	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H).	L
Confined MIGRATORY PATHWAY FACTOR	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pi DIRECTIONS: Record <u>the single high</u> right (maximum value = <u>Receptor Fa</u> he value that corresponds most closely to	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H).	L
Confined MIGRATORY PATHWAY FACTOR DIRECTIONS: Circle th	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pi DIRECTIONS: Record <u>the single high</u> right (maximum value = <u>Receptor Fa</u> he value that corresponds most closely to	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H). actor to the sediment receptors at the MRS. cription	M
Confined MIGRATORY PATHWAY FACTOR DIRECTIONS: Circle th Classification	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pind DIRECTIONS: Record <u>the single high</u> right (maximum value = <u>Receptor Fa</u> he value that corresponds most closely to <u>Desc</u> Identified receptors have access to sediment to w	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H). actor to the sediment receptors at the MRS. cription	L M Value
Confined MIGRATORY PATHWAY FACTOR DIRECTIONS: Circle th Classification Identified	but is not moving appreciably, or information is no Confined. Information indicates a low potential for contamin potential point of exposure (possibly due to the pind DIRECTIONS: Record <u>the single high</u> right (maximum value = <u>Receptor Fa</u> he value that corresponds most closely to <u>Desc</u> Identified receptors have access to sediment to w Potential for receptors to have access to sediment	tly beyond the source (i.e., tens of feet), could move ot sufficient to make a determination of Evident or mant migration from the source via the sediment to a resence of geological structures or physical controls). nest value from above in the box to the = H). actor to the sediment receptors at the MRS. cription which contamination has moved or can move.	L M Value H

the right (maximum value = H).

No Known or Suspected Sediment (Human Endpoint) MC Hazard

Μ

Sampling Data can be found in the RI, Table 4-6, Page 4-34; & Table 5-2, Page 5-3.

FACTOR

HHE Module:	Surface Water – Ecolo	ogical Endpoint Data	Element Table
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Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the **maximum concentrations** of all contaminants in the MRS's surface water 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 surface water 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 with ecological endpoints present in the surface water, select the box at the bottom of the table.

Contaminant	Maximum Concentration (μg/L)	Comparison Value (µg/L)	Ratios
CHF Scale	CHF Value	Sum the Ratios	
CHF > 100	H (High)	[Maximum Concentration of C	ontaminantl
100 > CHF > 2	M (Medium)	$CHF = \sum_{\text{[Comparison Value for Contaction of C]}} [Comparison Value for Contaction Value $	
2 > CHF CONTAMINANT	L (Low)	- ·	armang
HAZARD FACTOR	DIRECTIONS: Record <u>the CHF Value</u> (maximum value = H).	nom above in the box to the right	
	Migrotony Dothu	iou Footor	
DIRECTIONS: Circle th	<u>Migratory Pathw</u> he value that corresponds most closely to	b the surface water migratory pathway at the	MRS.
Classification	Description		Value
Evident	Analytical data or observable evidence indicates that contamination in the surface water is present at, moving toward, or has moved to a point of exposure.		Н
Potential	Contamination in surface water 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.		М
Confined	Information indicates a low potential for contaminant migration from the source via the surface water to a potential point of exposure (possibly due to the presence of geological structures or physical controls).		L
MIGRATORY		nest value from above in the box to the	
PATHWAY FACTOR	right (maximum value =	= H).	
DIRECTIONS: Circle th	Receptor Fa	actor o the surface water receptors at the MRS.	
Classification	Des	cription	Value
Identified	Identified receptors have access to surface water	to which contamination has moved or can move.	Н
Potential	Potential for receptors to have access to surface water to which contamination has moved or can move.		М
Limited	Little or no potential for receptors to have access or can move.	to surface water to which contamination has moved	L
RECEPTOR FACTOR	DIRECTIONS: Record the single high right (maximum value =		
No Known or Suspected Surface Water (Ecological Endpoint) MC Hazard			

Media not sampled.

Perennial surface water sources do not flow through the MRS (RI, Section 1.3.3.5, Page 1-10).

HHE Module: Sediment – Ecological Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the **maximum concentrations** of all contaminants in the MRS's sediment 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 sediment 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 with ecological endpoints present in the sediment, select the box at the bottom of the table.

Contaminant	Maximum Concentration (mg/kg)	Comparison Value (mg/kg)	Ratios
LEAD	4470	35.8	124.860
CHF Scale	CHF Value	Sum the Ratios	124.860
CHF > 100	H (High)	— Maximum Concentration of C	ontominont]
100 > CHF > 2	M (Medium)	$CHF = \sum Maximum Concentration of Con$	ontaminantj
2 > CHF	L (Low)	[Comparison Value for Contaminant]	
CONTAMINANT HAZARD FACTOR	DIRECTIONS: Record the CHF Valu (maximum value = H).		Н

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the sediment is present at, moving toward, or has moved to a point of exposure.	Н
Potential	Contamination in sediment 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.	М
Confined	Information indicates a low potential for contaminant migration from the source via the sediment 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).	М

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to sediment to which contamination has moved or can move.	Н
Potential	Potential for receptors to have access to sediment to which contamination has moved or can move.	М
Limited	Little or no potential for receptors to have access to sediment to which contamination has moved or can move.	L
RECEPTOR FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).	М
	No Known or Suspected Sediment (Ecological Endpoint) MC Hazard	

Sampling Data can be found in the RI, Table 4-6, Page 4-34; & Table 5-2, Page 5-3.

Table 26 HHE Module: Surface Soil Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the **maximum concentrations** of all contaminants in the MRS's surface soil 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 surface soil 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 surface soil, select the box at the bottom of the table.

Contaminant	Maximum Concentration (mg/kg)	Comparison Value (mg/kg)	Ratio
LEAD	2220	400	5.55
2,4,6-Trinitrotoluene	.084	36	.002
4-Am-DNT	.12	150	.0008
2,4-Dinitrotoluene	.041	120	.0003
2-Am-DNT	.034	150	.0002
CHF Scale	CHF Value	Sum the Ratios	5.5533
CHF > 100 100 > CHF > 2	H (High) M (Medium)	CHF = $\sum_{i=1}^{i}$ [Maximum Concentration of Co	ontaminant]
2 > CHF	L (Low)	[Comparison Value for Conta	minant]
CONTAMINANT HAZARD FACTOR	DIRECTIONS: Record the CHF Value (maximum value = H		М

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface soil migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the surface soil is present at, moving toward, or has moved to a point of exposure.	Н
Potential	Contamination in surface soil 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.	Μ
Confined	Information indicates a low potential for contaminant migration from the source via the surface soil 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).	М

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface soil receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to surface soil to which contamination has moved or can move.	Н
Potential	Potential for receptors to have access to surface soil to which contamination has moved or can move.	М
Limited	Little or no potential for receptors to have access to surface soil to which contamination has moved or can move.	L
RECEPTOR FACTOR	DIRECTIONS: Record <u>the single highest value</u> from above in the box to the right (maximum value = H).	М
	No Known or Suspected Surface Soil MC Hazard	

Sampling Data can be found in the RI: Table 4-5, Page 4-31 (95-97) Table 5-2, Page 5-3 (105-106) under DU-01 & DU03.

HHE Module: Supplemental Contaminant Hazard Factor Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Only use this table if there are more than five contaminants in any given medium present at the MRS. This is a supplemental table designed to hold information about contaminants that do not fit in the previous tables. Indicate the media in which these contaminants are present. Then record all contaminants, their maximum concentrations and their comparison values (from Appendix B of the Primer) in the table below. Calculate and record the ratio for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF for each medium on the appropriate media-specific tables.

Note: Do not add ratios from different media.

Media	Contaminant	Maximum Concentration	Comparison Value	Ratio

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 (Hs-Ms-Ls)		Media Rating (A-G)
Groundwater (Table 21)							
Surface Water/Human Endpoint (Table 22)							
Sediment/Human Endpoint (Table 23)	М	М	М		MMM		D
Surface Water/Ecological Endpoint (Table 24)							
Sediment/Ecological Endpoint (Table 25)	н	М	М		НММ		С
Surface Soil (Table 26)	М	М	М		MMM		D
DIRECTIONS (cont.):			HHE MODULE RATING			С	

DIRECTIONS (cont.):

4. Select the single highest Media Rating (A is highest: G is lowest) and enter the letter in the HHE Module Rating box.

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.

HHE Ratings (for reference only)					
Combination	Rating				
ННН	A				
ННМ	В				
HHL					
НММ	C				
HML	D				
МММ					
HLL	_				
MML	E				
MLL	F				
LLL	G				
	Evaluation Pending				
Alternative Module Ratings	No Longer Required				
	No Known or Suspected MC Hazard				

HHE Rated as NKSH: The Army concluded in the RI that the nature and extent of MC was adequately characterized and that the MRS should undergo no further action for MC (DD, Section 2.5.2.2, Page 2-6). During the RI, incremental soil and sediment samples were collected for MC and analyzed for explosives and target metals. Lead concentrations were detected above human health and ecological screening criteria in surface soil and sediment. A Human Health Risk Assessment indicated lead in soil and sediment posed no unacceptable risk to human health and the Screening Level Ecological Risk Assessment results indicated that adverse ecological effects were negligible for a population or community. The Army concluded in the RI that the nature and extent of MC was adequately characterized and that the MRS should undergo no further action for MC (DD, Sections 2.5.2.2, Page 2-6 and 2.7.2, Page 2-7.)

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.

EHE Rating	Priority	CHE Rating	Priority	HHE Rating	Priority
		А	1		
А	2	В	2	А	2
В	3	С	3	В	3
С	4	D	4	С	4
D	5	E	5	D	5
E	6	F	6	E	6
F	7	G	7	F	7
G	8			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				1	3