ŒÜŒŁUÞŒÄŸÒÜŒÜVTÒÞVÁŁØÄÞXŁUÞTÒÞVŒŠÁŁWŒŠQŸÁ

YŒVŁÒÜÁŁWŒŠQŸÁŒÙWÜŒ₽ÔÒÁÒXUŠXₚÕÁₒWₚÖÁ

Á

PDF VERSION -- REVISED ELIGIBILITY AND EVALUATION FORM (Rev. October 2, 1996)

Date Site Evaluated: _____

Scoring Summary Evaluation: _____

EMERGENCY ACTION INFORMATION

ÙQŸÒÁₚŒŦ ÒŁÁ´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´ Á

ÒTÒÜÕÒₚÔŸŁ˶˶˶˶˶ŸÒÙ˶˶˶˶˶˶˶ₚUÁ

ÖÒÙÔÜŒŁVₚUₚŁ˶ ̊ Á

´´´´´´´´´´´´ Á

FACILITY INFORMATION

ÙQŸÒÁₚŒŦ ÒŁÁ´´´´´´´´´´´´´´´´´´´´´´´´´´´´ ÁŁQŸÒÁŒUₚVŒÔVŁ´´´´´´´´´´´´´´ Á

ÙQŸÒÁŒÖÜŒÙÙŁ´´´ Á

ÔUWₚVŸŁ´´´´´´´´´´´´´´´´´´´´´´´´´ ÁŠŒVŠUₚÕŁ´´´´´´´´´´´´´´´´´´´´´ Á

UYₚÒÜₚŒŦ ÒŁŒÖÜŒÙÙŁ´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´´ Á

UÚÒÜŒVUÜₚŒŦ ÒŁ´´ Á

UÚÒÜŒVUÜÁŒÖÜŒÙÙŁ´´ Á

SCORING INFORMATION

ŒÄŁÜŠÒₚŒŒÒÁₚXₚVŒŦₛ€Á[̧ ̧ ̧D́Á   Á   Á   Á   Á   ´´´´´´Á

Á   Á   ÓÄŁQŸÒÁₚÖŁUₚVŒ ̨ₚŒVŁÔŒŒₚÔVÒÜₚÒVₒÙₛ€Á[̧ ̧ ̧D́Á   ´´´´´´Á

Á   Á   ÔÄŁₚWŒ₽ÁₒŸÚÙWₚÒÜUWWÒÙₛ ̨́Á[̧ ̧ ̧D́Á   Á   Á   ´´´´´´Á

Á   Á   ÖÄŁÒₚXŁUÞTÒÞVŒŠÁₒŒVUÜÙₛ ̨́Á[̧ ̧ ̧D́Á   Á   Á   ´´´´´´Á

Á   Á   Á   Á   Á   Á   Á   Á   Á

Á   Á   Á   Á   Á   Á   Á   Á   **TOTAL SCORE** Á   ´´´´´´Á

... Sensitive Receptors ...

... Accessibility ...

A. RELEASE EVENT (10 Points)

[garbled text]

[garbled text]

1. SOIL (3 Points)   **TOTAL SOIL SCORE (A.1): _____**

[garbled text]

Type of Release	Soil Score
Known	3
Unknown	1
None	0

2. GROUNDWATER (4 Points)   **TOTAL GROUNDWATER SCORE (A.2): _____**

[garbled text]

Type of Release	Groundwater Score
Known	4
Unknown	2
None	0

3. SURFACE WATER (3 Points)   **TOTAL SURFACE WATER SCORE (A.3): _____**

[garbled text]

Type of Release	Surface Water Score
Known	3
Unknown	1
None	0

Total Release Event Score = A.1 + A.2 + A.3: _____

B. SITE AND CONTAMINANT CHARACTERISTICS (30 Points)

1. CONTAMINANT SPECIFIC (15 Points)

a. Contaminant Hazard   **TOTAL SCORE:** _____

	For Groundwater:	R = C / Drinking Water HBGL
	For Surface Water:	R = C / Drinking Water HBGL
	For Soil:	R = C / Residential HBGL

R Value	*Score*
R < 1	0
1 < R < 10	1
10 < R < 100	2
100 < R < 1,000	3
1,000 < R < 10,000	4
10,000 < R	5

b. Extent of Contamination   **TOTAL SCORE:** _____

Soil Volume (Cubic Yards)	*Groundwater (No. of Wells[1])*	*Rivers/Streams (Miles)*	*Lakes (Surface Acreage)*	*SCORE*
				4
				3
				2
				1
				0
[1] Production wells only				

c. Mobility   **TOTAL SCORE:** _____

Criteria	*Score*
	3
	2
	1
	0
	0

Created March 2016 from October 2, 1996 form

Á   **d. Persistence**   **TOTAL SCORE: _____**Á

Á   ÁÁÁÁÁÁÁ

Á   ÁÁÁÁÚ|•ã¸c^}&^Áâæ^Áâ¸c^¦|{ ã¸^åÁâ¸c@Á¦]^|¸¦Á&|}cæ{ ã¸a¾)dÁÁÚ|^æ^&@¸•^Á¦c@Á@ã¸@•¸cÁ¦|¸^Á¦[{ Ác@Á¦|||¸ã¸*Á
Á   ÁÁÁÁÁcæ^|¦KÁ

Criteria	*Score*
T^cæ•¸ÊÁ¦[|¦^¦&¸àÁÔ[{][¸˘å¸Êæ}¸å¸ÁP°æ{ *^¸æ°¸åÁP°¸å¸|[&cåà¸[}•Á	**2**
Ùcæã¸@ÁÔ@æã¸ÁP°¸|[&cåà¸[}•¸ÊÁÚ¸å•¸cãä¸c^åÁÁã¸*ÁÔ[{][¸˘å•¸Áæ}¸åÁ[c@¦ÁÁ¸ã¸*ÁÔ[{][¸˘å•Á	**1**
Òæ¸ã¸ÁÁÁå^¦¦æåæ¸æ|^ÁÔ[{][¸˘å•Á	**0**

Á   **e. Bioaccumulation**   **TOTAL SCORE: _____**Á

Á   ÁÁÁÁÁÁÁ

Á   ÁÁÁÁÁÁÑ[}\Á]¦Á¸c@Á¦Á¦[ÁåÁÔ@¸æã¸ÁÁÔÁ¸ã¸Áæ&&¸{ ˘|æ¸ã¸[}¸Áç¸æ¸˘^Áâ¸¸c@Á¸ÁÚÚ]^|¸˜}¸åÁÔ[{ ¸ æ¸å¸¹Ôæ¸ææ¸ÁÔæ¸ã¸¸ÁÚ¸ÔÔÔÔT¸ÊÁÚ|^æ^¸ÁÁ
Á   ÁÁÁÁÁ•¸^Ác@Á¦|||¸ã¸*Ácæ¸æ|^KÁ

Criteria	*Score*
Ó¸ã¸æ&&¸{ ˘|æ¸ã¸[}¸ÁÁ¸æ¸˘^ÁÁ¼ÁÁ€Á	**1**
Ó¸ã¸æ&&¸{ ˘|æ¸ã¸[}¸ÁÁ¸æ¸˘^¸Á¼¸ÁÁ€	**0**

Total Contaminant Specific Score (B.1) = B.1.a + B.1.b + B.1.c + B.1.d + B.1.e: _____

ÁÁÁ**2. SITE SPECIFIC (15 Points)**

Á   **a. Groundwater (10 Points)**

Á   *i. DRASTIC Maps*   **TOTAL SCORE: _____**Á

Á   ÁÁÁÁÁÁÁ

Á   ÁÁÁÁÁV@¸ÁÖÜÖŒÜVŒÔÁ¸&[¦|^Áã¸|Áâ¸æ^¸å¸¸^¸c^¦|¸ã¸^åÁÁ¦[{ Á¸ác@¸Á¸&[¸}¸c^ÁÖÜÖŒÜVŒÔÁ¸æã¸ÁÊÁÁÁ¸^¸cã¸ãã¸•¸Áæ¸åÁ¦[¸&¸¦|}¸Áæ¸æ¸c@¸Á
Á   ÁÁÁÁÁÁã¸ÊÁ•¸^å¸c@¸ÁÚ|¸^¸cã¸ãã¸^¸ÁÖÜÖŒÜVŒÔÁ¸æã¸¸Á|Á¸c@¸¦¸ã¸¸ÊÁ•¸^å¸c@¸ÁÔÕ¸^}¸^¸æå¸ÁÖÜÖŒÜVŒÔÁ¸æã¸ÊÁÁ¦[ÁÖÜÖŒÜVŒÔÁ¸æã¸¸ÁÁæ¸Á
Á   ÁÁÁÁÁæ¸cæ¸æ|^¸Êc@¸Áæ¸æcæ&c@¸¸å¸Á¸•¸d¸¦&æ¸|}¸ÁÁ¸ã¸|Áâ¸^¸Á^¸åå¸|Á¸^¸}¸^|æ^¸Áæ¸•¸˘|¸ÁÁÖÜÖŒÜVŒÔÁ¸&[¦|¸ÊÁc@¸ÁÁ¸&[¦|¸ÁÁ¸ã¸|Áâ¸^¸Á
Á   ÁÁÁÁÁçæ¸|¸æ^¸åÁæ&&¸|¸åÁ¸ã¸*Ác[¸Ác@¸ÁÁ¦[|¸|¸ã¸*Ácæ¸æ|^KÁ

Criteria	*Score*
G€€¸ÁÖÜÖŒÜVŒÔÁÁ¸&[¦|^Á	**5**
FÎ€¸ÁÖÜÖŒÜVŒÔÁÁ¸&[¦|¸Á¼¸ÁFJJÁ	**4**
FG€¸ÁÖÜÖŒÜVŒÔÁÁ¸&[¦|¸Á¼¸ÁFÎJÁ	**3**
Ì€¸ÁÖÜÖŒÜVŒÔÁÁ¸&[¦|¸Á¼¸ÁFFJÁ	**2**
ÖÜÖŒÜVŒÔÁÁ¸&[¦|¸Á¼¸ÁJÁ	**1**

Á   *ii. Other Factors*   **TOTAL SCORE: _____**Á

Á   ÁÁÁÁÁÁÁ

Á   ÁÁÁÁÁÁÚc@¦|¸Áæ&¸|¦|•¸Áâ¸&¸|˘¸^¸å¸¸c@¦|[{ Ác@¸Á¸[cd¸{ Á¸¦[}¸cæ{ ¸ã¸¸æã¸}¸Á¸c|¸¦|¸˘¸å¸¸æ^¸|Áæã¸åÁ¸c@¸¦|¸˘¸å¸¸æ^¸|Á¸ÁÁÁÁÁÁ
Á   ÁÁÁÁÁ¸¦|¸æ&^¸Á¸æ^¸|¦|¸ÊÁÚ|^æ^¸&@¸[}¸•¸Ác@¸Á¸@ã¸@•¸cÁ¸&|¸^Á¦[{ Ác@¸Á¸¦|||¸ã¸*Ácæ¸æ|^KÁ

Criteria		*Score*
Ö^]¸c@¦|{ ÁÔ[}¸cæ{ ã¸æ¸ã¸}¸Á¸c[¸Á Õ¦[¸˘}¸å¸ æ¸^¦|ÁÁ&^¸cDÁ	€Á	**5**
	F·¸GÍ Á	**4**
	GÍ·¸F€€Á	**3**
	F€F·¸H€€Á	**2**
	N¸H€€Á	**1**
Ú[¸c}¸cæ¸å¸|¦ÁÔ¦[¸˘}¸å¸ æ¸^¦|Á Ü^æ&@¸Ù˘¸|¦æ&^¸Á¸¸æ^¸|Á	Õ¦[¸˘}¸å¸ æ¸^¦|ÁÖ¸ã¸&@æ¸å¸*ã¸*Á¦|¸ÁÁÁÁ Ù˘¸|¦æ&^¸ÁÁ¸æ^¸|Á	**2**
	Õ¦[¸˘}¸å¸ æ¸^¦|Á¸^¸||•¸ÁÚ¸{]¸å¸¦[Á Ù˘¸|¦æ&^¸ÁÁ¸æ^¸|Á	**1**

b. **Surface Water (5 Points)**

i. ***Slope/Distance***　　　　　　　　　　　　　　　　　　　**TOTAL SCORE:** _____

SLOPE, %	DISTANCE IN FEET			
	0—100	*101 –500*	*501—1,000*	*> 1,000*
0—3	3	1	1	0
3—5	3	2	1	1
5—7	3	3	2	1
> 7	3	3	3	1

ii. ***Flood Frequency***　　　　　　　　　　　　　　　　　　　**TOTAL SCORE:** _____

iii. ***Groundwater Recharge***　　　　　　　　　　　　　　　**TOTAL SCORE:** _____

Total Site Specific Score (B.2) = B.2.a.i + B.2.a.ii + B.2.b.i + B.2.b.ii + B.2.b.iii: _____

TOTAL SITE AND CONTAMINANT CHARACTERISTICS SCORE (B.1 + B.2): _____

C. HUMAN EXPOSURE ROUTES (65 Points)

1. GROUNDWATER (30 Points)

[illegible text]

a. Drinking Water Wells Affected

i. *Actual Contamination—Population*   **TOTAL SCORE:** _____

[illegible text]

[illegible text]

Population Served by Groundwater: Actual Contamination Choose the Highest Score	
Population served by Groundwater	*Score*
0	**0**
1—25	**4**
25—999	**6**
1,000—4,999	**8**
≥ 5,000	**10**

ii. *Actual Contamination—Standards*   **TOTAL SCORE:** _____

[illegible text]

[illegible text]

iii. *Potential Contamination—Population*   **TOTAL SCORE:** _____

[illegible text]

[illegible text]

[illegible text]

Population Served by Groundwater: Potential Contamination				
Choose the Highest Score				
Population Served	*Distance Down Gradient from Contamination*			
	0—1/4 Mile	*1/4—1 Mile*	*1—4 Miles*	*> 4 Miles*
0	**0**	**0**	**0**	**0**
1—25	**3**	**2**	**1**	**0**
25—5,000	**4**	**2**	**1**	**0**
≥ 5,000	**5**	**3**	**1**	**0**

b. Impacted Production Wells   **TOTAL SCORE:** _____Á

Á ÁÁÁÁ

Á ÁÁÁÁÛ&[¦^ÁÁ[ã·Á&ã[}æ{ã}æã}Á@æÁ^^}Áã^c^&c^åÁ§Áæã^Á¦[&ã[}Á^||•ÊÁ&ã*åã*Á^||•Á&[•^åÁã*^åÁ

Á ÁÁÁÁ&[}æ{ã}æã[}ÈÁ

> **The End Use Subcommittee is presently developing end use water quality standards. After these standards are developed, the Site Prioritization Subcommittee may recommend that 5 additional points be made available for impacted wells in excess of the end use water quality standards. These 5 points are not presently part of the model.*

c. Primary Source of Drinking Water/No Alternative Drinking Water Supply   **TOTAL SCORE:** _____Á

Á ÁÁÁÁ

Á ÁÁÁÁÛ&[¦^ÁÁ[ãÁãÁ·Á@¦^å¦[˘}åÁæ^¦Á§ãÁæ^[¦&ã-åã§ã\ã*Áæ^¦Á¦Á@¦^Á[æåc¦[}æ^Á

Á ÁÁÁÁå¦ã\ã*Áæ^¦˘]]¦^ÁåÐÁ§ãÈ|^È

┌──┐
│ *Total Groundwater Score (C.1) = C.1.a.i + C.1.a.ii + 7 "%U'Ï]]ŽʾC.1.b + C.1.c:* _____ │
└──┘

ÁÁ2. SURFACE WATER (15 Points)

Á Q·&@¦^Áã·Á[¨^}^æ^¦Á¦Á@ªæå-^}^æ^ÁåȡÁ˘¦·æ&Á æ^¦ÊÁ[&&[{]}c^Á&ã·Á^&ã}Á©EÔEGÁÁ

a. Drinking Water Intakes Affected

> *i. Actual Contamination—Population*   **TOTAL SCORE:** _____Á

Á ÁÁÁÁ

Á ÁÁÁÁV@ãÁã|Áã§^Á·çæ]¦Áæ^åÁå-Áã}^&[}æ{ã}æã}Á@æÁ]æåc^åÁåãã}\ã*Áæ^¦ÁãÁ·æ^È·ÁÛ|^æ^&@[•^&@[Á^ÁÁÁÁ

Á ÁÁÁÁ&ã@·c&¦^[{Á·@[||[˘ã}*Áæã|^ÈÁ

┌───┐
│ *Population Served by Surface Water: Actual Contamination* │
│ *Choose the Highest Score*   │
├─────────────────────────────────┬───────────────────────────┤
│ *Population served by surface water* │ *Score*   │
├─────────────────────────────────┼───────────────────────────┤
│ *0*   │ **0**   │
├─────────────────────────────────┼───────────────────────────┤
│ *1—25*   │ **3**   │
├─────────────────────────────────┼───────────────────────────┤
│ *25—999*   │ **5**   │
├─────────────────────────────────┼───────────────────────────┤
│ *1,000—4,999*   │ **6**   │
├─────────────────────────────────┼───────────────────────────┤
│ *≥ 5,000*   │ **7**   │
└─────────────────────────────────┴───────────────────────────┘

Population served by surface water	Score
0	0
1—25	3
25—999	5
1,000—4,999	6
≥ 5,000	7

> *ii. Actual Contamination—Standards*   **TOTAL SCORE:** _____Á

Á ÁÁÁÁ

Á ÁÁÁÁÛ&[¦^ÁÁ[ãÁåÁ^&[}æ{ã}æã}Á@æÁ^^}Áã^c^&c^åÁæå·o@ÁãÁ§ã\ã*Áæ^¦ÁãÁ·æ^Áæå&[}&}cæã}•ÁÁÁÁÁ

Á ÁÁÁÁ¢&^^åã*Á·@^ÁVãæ¦ã˘{ÁÔ[}æ{ã}æã}oÁ§ç•Á©TÔŠ•ÈÁ

iii. **Potential Contamination—Population**   **TOTAL SCORE:** _____

Population Served by Surface Water: Potential Contamination			
Choose the Highest Score			
Population Served	**Distance Down Gradient from Contamination**		
	0—1 Mile	*1—15 Miles*	*> 15 Miles*
0	0	0	0
1—25	2	1	0
25—5,000	2	1	0
≥ 5,000	3	1	0

b. Uses of Surface Water   **TOTAL SCORE:** _____

Criteria	*Score*
Drinking water supply source	5
Aquaculture, irrigation or other water supply which are consumptive	4
Recreational/swimming	2
Other use	1
No applicable use	0

Total Surface Water Score (C.2) = C.2.a.i + C.2.a.ii + C.2.b: _____

3. SOIL (15 Points)

[text unreadable]

a. Population Affected   TOTAL SCORE: _____

[text unreadable]

Distance from Site	Population		
	1—100	*100—500*	*> 500*
0—1/2 mile	3	4	5
1/2—1 mile	0	1	2

b. Sensitive Receptors   TOTAL SCORE: _____

[text unreadable]

Criteria	*Score*
[unreadable]	5
[unreadable]	4
[unreadable]	3
[unreadable]	0

c. Accessibility   TOTAL SCORE: _____

[text unreadable]

Criteria	*Score*
[unreadable]	5
[unreadable]	3
[unreadable]	1
[unreadable]	0

Total Soil Option 1 Score (C.3) = C.3.a + C.3.b + C.3.c: _____

TOTAL HUMAN EXPOSURE ROUTES (C.1 + C.2 + C.3): _____

D. ENVIRONMENTAL FACTORS (15 Points)

1. ECOLOGICAL (9 Points)   Ecological Score: _____

ECOLOGICAL FACTOR	SCORE
(text illegible)	9
(text illegible)	6
(text illegible)	3
(text illegible)	1

(footnotes F, G, H, I — text illegible)

2. RECREATIONAL (3 Points) Recreational Score: _____

Score the following descriptors...

3. CULTURAL RESOURCES (3 Points) Cultural Resources Score: _____

Score the following category descriptions

PREHISTORIC

HISTORIC

ARCHITECTURAL

NONE OF THE ABOVE, OR UNDETERMINED RESOURCES

TOTAL ENVIRONMENTAL FACTORS SCORE (D.1 + D.2 + D.3): _____

TOTAL SCORE (A + B + C + D): _____

E&E Rationale

FŀǍ

GŽǍ

HŀǍ

I ŀǍ

Í ŀǍ

Î ŀǍ

Ï ŀǍ

Ì ŀǍ

JŽǍ

F€ŀǍ

FFŀǍ

FGŽǍ

FHŀǍ

FI ŀǍ

FÍ ŀǍ

FÎ ŀǍ

FÏ ŀǍ

FÌ ŀǍ

FJŽǍ

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21.

22.

23.

Pseudo-DRASTIC SCORING FOR WQARF SITES

If a DRASTIC Score from a "General" DRASTIC Map is available for this site, determine its value using that map and insert the score as specified in Part B.2.a.i. of the E&E form. If there is no DRASTIC MAP available for this site, use this form to establish the pseudo-DRASTIC score and insert the score as specified in Part B.2.a.i. of the E&E form. (Note: Upon receipt of groundwater clean up documentation, the DRASTIC score will reduce to its normal value.)
DRASTIC Maps are available for Maricopa, Pima, Santa Cruz, Yuma, LaPaz, and some portions of Pinal County.

Sites without a DRASTIC Score (for those counties without a DRASTIC map):

1.   Depth to Groundwater: Rating
      RANGE

RANGE	Rating
0 to 5 feet	10
5 to 15 feet	9
15 to 30 feet	7
30 to 50 feet	5
50 to 75 feet	3
75 to 100 feet	2
100 + feet	1
Unknown	10

Rating: _____ (X5) = **Section 1** Score: _____

2.   Impact of Vadose Zone Media:

Media	Range	Rating	Justification
Silt/Clay	1-2	_____	_____
Shale	2-5	_____	_____
Limestone	2-7	_____	_____
Sandstone	4-8	_____	_____
Bedded limestone, sandstone, shale	4-8	_____	_____
Sand and gravel with silt and clay	4-8	_____	_____
Metamorphic/igneous	2-8	_____	_____
Sand and gravel	6-9	_____	_____
Basalt	2-10	_____	_____
Karst limestone	8-10	_____	_____
Unknown	10	_____	_____

Rating: _____ (X5) = **Section 2** Score: _____

3. Hydraulic Conductivity of Uppermost Aquifer

Description	Points
Gravel; Karst limestone; cobbles; highly fractured Rocks; or **unknown** K, Darcys value of 1E+3 to 1E+5, or K, gpd/ft2 value of 1E+4 to 1E+6	30
Sands; unfractured sedimentary rocks (except shales and siltstones), K, Darcys value of 1 to 1E+3, or K, gpd/ft2 value of 10 to 1E+4	15
Clayey Sands; silts; clays; shales; Unfractured, non-sedimentary rocks K, Darcys value of 1E-3 to 1, or K, gpd/ft2 value of 1E-2 to 10	3

(Modified from Davis and DeWiest, 1966)

Section 3 Score: _____

4. Recharge

Annual Precipitation (inches)	Points
> 25	30
20-25	25
15-19	20
10-14	15
5-9	10
< 5	5

Section 4 Score: _____

SUMMARY Score for Sections 1-4

Points
Depth to Groundwater Score   Section 1 Score: _____
Vadose Zone Impact Score   Section 2 Score: _____
Aquifer Hydraulic Conductivity   Section 3 Score: _____
Recharge Score   Section 4 Score: _____
                                              SUBTOTAL: _____

ADD 50 Points to SUBTOTAL for pseudo-DRASTIC Score: _____

Add 5 points if cultural activities which would increase
recharge exist within 100 feet of the release: _____

Pseudo-DRASTIC Score: _____