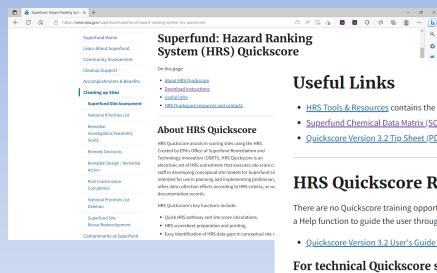
HRS Mini Course

# **QUICKSCORE DEMO**



#### **Quickscore Website**



- . HRS Tools & Resources contains the HRS Guidance, HRS SCDM, and other useful links
- Superfund Chemical Data Matrix (SCDM)
- Quickscore Version 3.2 Tip Sheet (PDF)(6 pp, 201 K, About PDF)

#### **HRS Quickscore Resources and Contacts**

There are no Quickscore training opportunities scheduled at this time. HRS Quickscore includes a Help function to guide the user through using the program.

Quickscore Version 3.2 User's Guide (58 pp, 2.9 MB, About PDF)

#### For technical Quickscore support, contact:

Ouickscore Helpline

Available weekdays, 9:00 - 5:30 EST

Phone: 703-284-6600

Email: Quickscore Technical Support (quickscore@gdit.com)

#### Quickscore **Notifications**

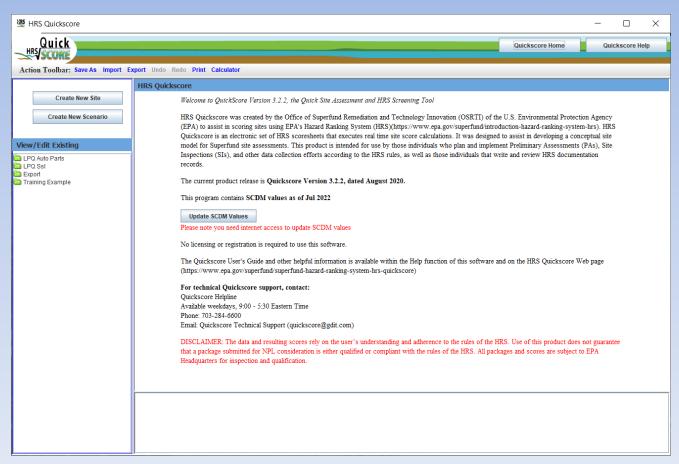
Receive notifications of new Ouickscore releases:

Notifications signup form

https://www.epa.gov/superfund/superfund-hazard-ranking-systemhrs-quickscore

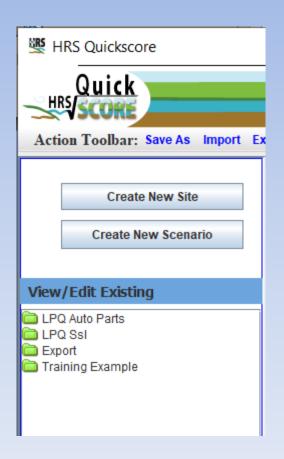


### **Quickscore Home Page**





#### **Action Tool Bar and Other Useful Tools**

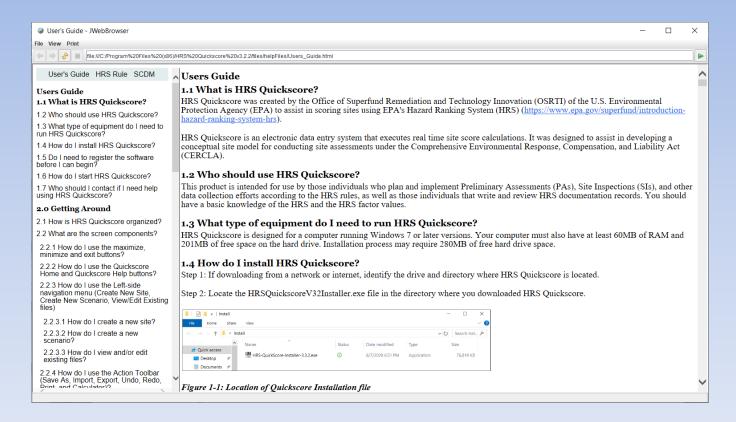






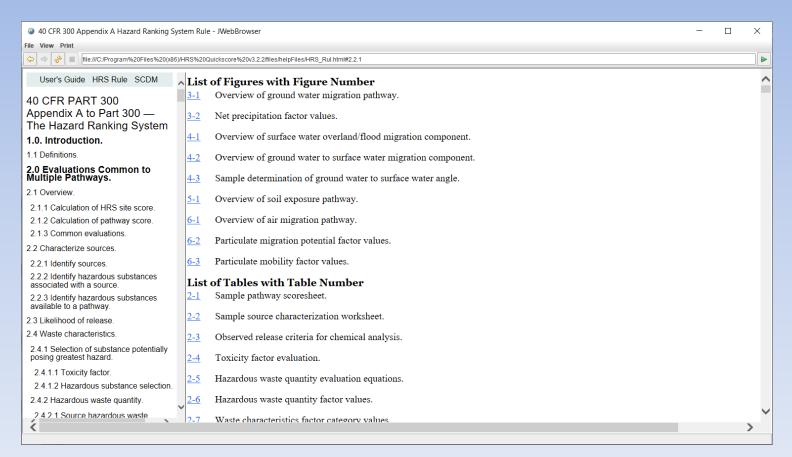


#### Help - Users Guide



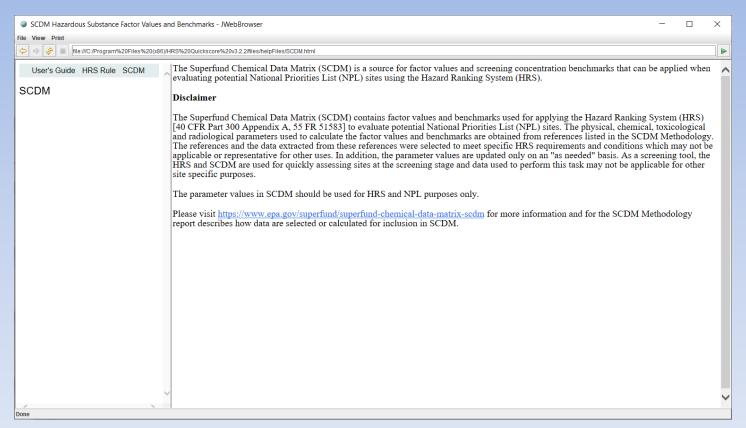


#### Help - HRS Rule



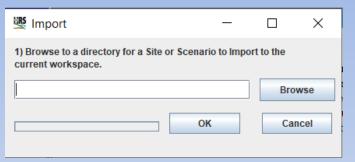


### Help-SCDM

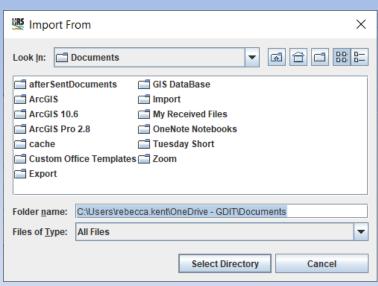




#### **Import and Export Functions**

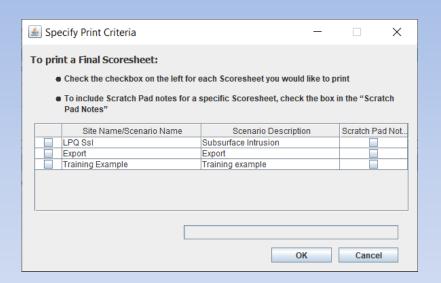








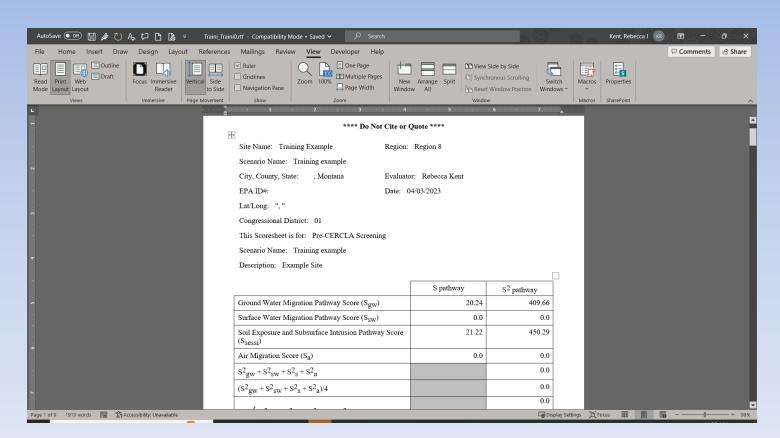
### **Printing**





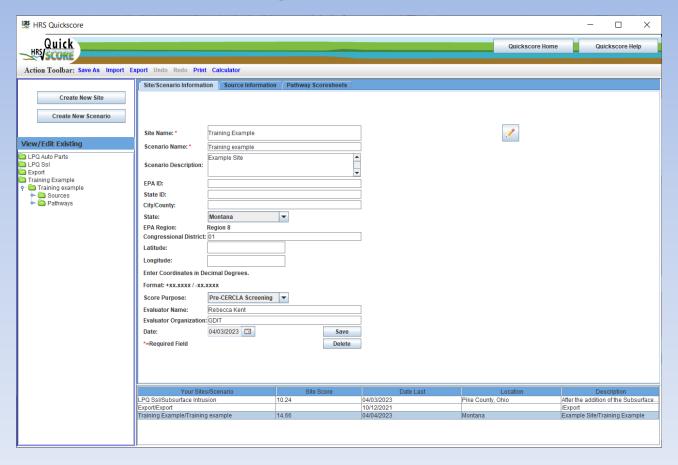


#### **Printed Scoresheets**



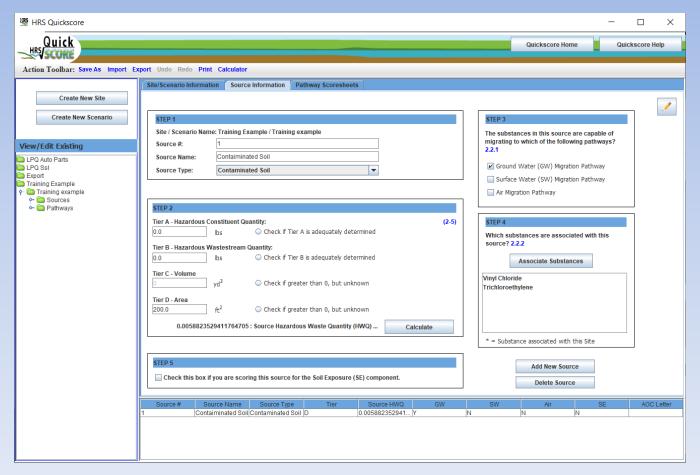


## **Entering Site/Scenario**



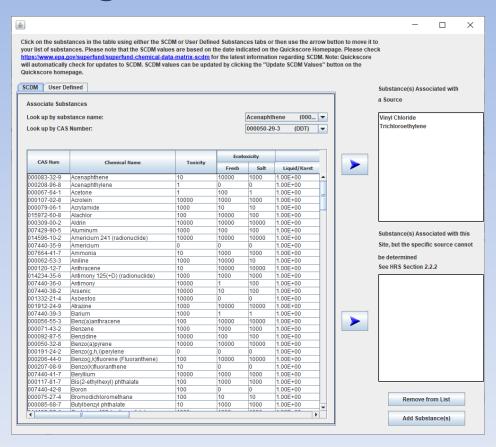


#### Source



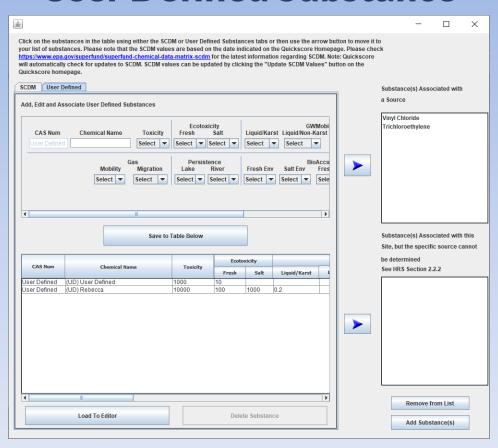


#### **Entering a Hazardous Substance**



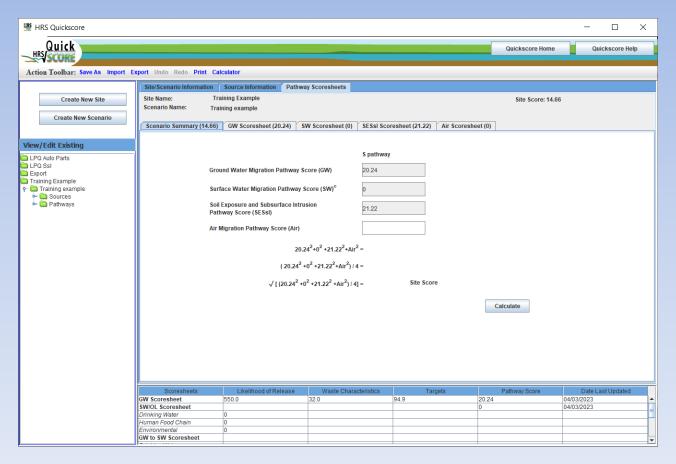


#### **User Defined Substance**





## **Pathway Scoresheet**





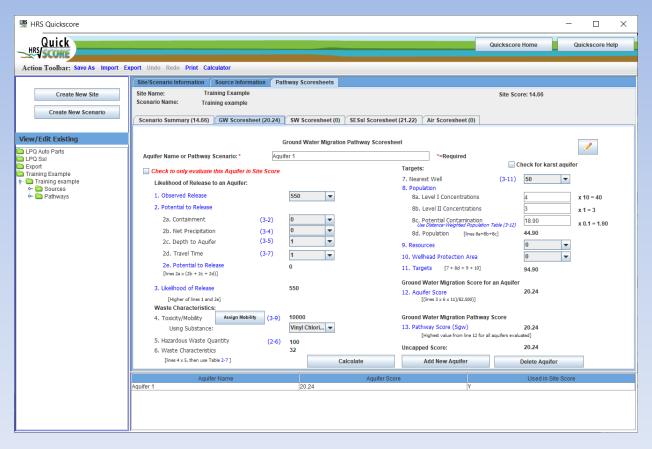
#### **Polling Question #3**

What is the minimum HRS score that makes a site eligible to be proposed to the NPL?

- 100.00
- <u>></u> 28.50
- 75.00
- 3.14



#### **Ground Water Pathway**



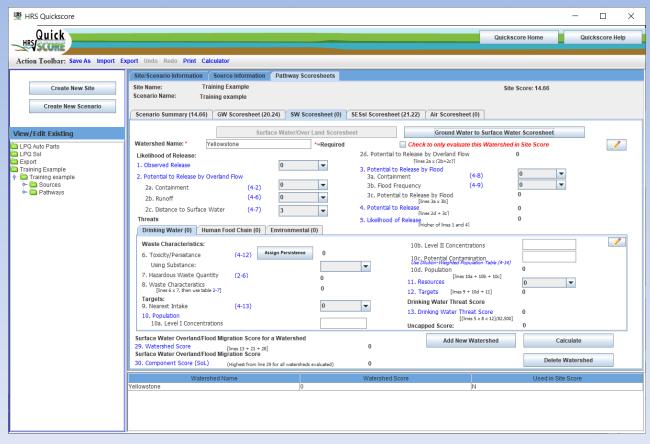


# **Mobility**

📤 Ground Water	Scoresheet - Assig	_		×	
1) Choose a Substan  Trichloroethylene  Vinyl Chloride	ice	2) Choose a Mobility Type  Liquid/Karst  Liquid/Non-Karst  Non-Liquid/Karst  Non-Liquid/Non-Karst  In Observed Release			
Substance	Toxicity	Mobility Type	Mobility Value	Toxicity/Mobilit	ty
Trichloroethylene	1000	In Observed Release	1	1000	
Vinyl Chloride	10000	In Observed Release	1	10000	



### **Surface Water Pathway**





# **Drinking Water threat**

_	eats			5. Likelihood of R	elease [higher of lines 1 and 4]	0		
Dr	rinking Water (0) Human	Food Chain (0) Environme	ental (0)					
6. 7. 8. Ta 9.	Toxicity/Persistance Using Substance: Hazardous Waste Quantity Waste Characteristics [lines 6 x 7, then use table 2-7] argets: Nearest Intake D. Population 10a. Level I Concentrations	(4-13)	0 0 0 0	<b>V</b>	11. Resources 12. Targets [lines 9 + Drinking Water Threat \$ 13. Drinking Water Thre	nation lation Table (4-14) a + 10b + 10c] 10d + 11] icore	0 0 0 0 0	
Surface Water Overland/Flood Migration Score for a Watershed  29. Watershed Score		0	Add New V	Vatershed	Calculate			
	ace Water Overland/Flood M	[lines 13 + 21 + 28] ligration Score						
30. 0	Component Score (SoL)	(Highest from line 29 for all water	sheds evaluated)	0			Delete Watershed	
	Watershed	Name		Watershed Scor	re		Used in Site Score	
Yellows	stone		0			N		



#### **Human Food Chain Threat**

Threats  Drinking Water (0) Human Food Chain (0) Enviro	nmental (0)	5. Likelihood of	(lines 20 + 30) Release [higher of lines 1 and 4]	0	
14. Likelihood of Release [Same as line 5]  Waste Characteristics:  15. Toxicity/Persist/Bioaccum 15a. Tox/Persistance Using Substance: (4-12) 15b. Bioaccumulation Value (4-15)  16. Hazardous Waste Quantity (2-6) 17. Waste Characteristics [lines 15a x 16 x 15b, then used to the content of t	0.5	V   V   V   V   V   V   V   V   V   V	20. Targets [lin Human Food Chain Threat 9 21. Human Food Chain Thre	rations ntamination 4-13) ses 19a + 19b + 19c] ses 18 + 19d] Score	0 0 0
Surface Water Overland/Flood Migration Score for a Watershed Score [lines 13 + 21 + 28] Surface Water Overland/Flood Migration Score 30. Component Score (SoL) (Highest from line 29 for all		0	Add New Wat	tershed	Calculate  Delete Watershed
Watershed Name ellowstone	0	Watershed Sco	ore N		Used in Site Score

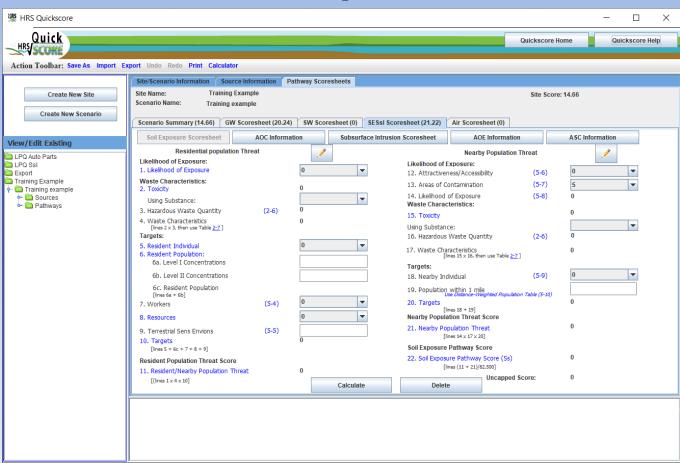


### **Environmental Threat**

22. Likelihood of release [same as line 5] 0 26a. Level I Concentrations  Waste Characteristics: 23. EcoTox/Persist/Bioaccum 23a. EcoTox/Persistence Using Substance: (4-20) 23b. Ecosystem BAP Value 24. Hazardous Waste Characteristics (lines 23a × 24 × 23b, then use table 2-7) 25. Waste Characteristics (lines 23a × 24 × 23b, then use table 2-7) 26. Sensitive Environments (lines 22a × 25 × 27/82,500)  Uncapped Score:  Surface Water Overland/Flood Migration Score for a Watershed 29. Watershed Score 30. Component Score (Sol.)  Watershed Name  Watershed Name  Watershed Name  Watershed Score  (lines 25a × 26b + 26c) 27. Targets (value from line 26d) 0 Environmental Threat Score ((lines 22 × 25 × 27/82,500) Uncapped Score: 0  Calculate  Delete Watershed  Calculate  Delete Watershed  Delete Watershed	Threats  Drinking Water (0) Human Food Chain (0) Environmental (0)	5. Likelihoo	d of Release [higher of lines 1 and 4]	0
Surface Water Overland/Flood Migration Score for a Watershed  29. Watershed Score [lines 13 + 21 + 28]  Surface Water Overland/Flood Migration Score  30. Component Score (SoL) (Highest from line 29 for all watersheds evaluated)  Watershed Name  Watershed Score  Used in Site Score	Waste Characteristics: 23. EcoTox/Persist/Bioaccum 23a. EcoTox/Persistence Using Substance:  23b. Ecosystem BAP Value 24. Hazardous Waste Quantity 25. Waste Characteristics (4-21)  Assign Persistence/Bioaccum (4-20) (4-15) (2-6) (2-6) (2-6) (2-6) (2-7)  Targets:	0.0 0 0 0.5 0	26b. Level II Concentrations 26c. Potential Contamination Use Dilution Weight Table (4-13) 26d. Sensitive Environments (lines 26a + 26b + 26c) 27. Targets (value from line 26d) Environmental Threat Score 28. Environmental Threat Score ((lines 22 x 25 x 27/82,5)	0 0 500)
	Surface Water Overland/Flood Migration Score for a Watershed 29. Watershed Score [lines 13 + 21 + 28] Surface Water Overland/Flood Migration Score		Add New Watershe	
		Watershed	d Score N	Used in Site Score



#### **Soil Exposure**



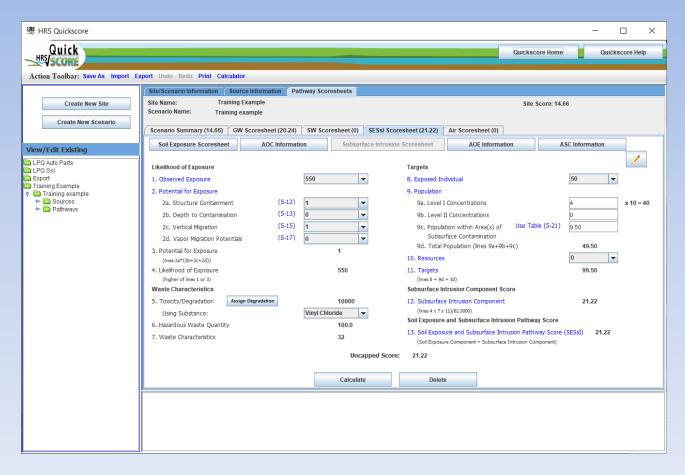


## **AOC**

HRS Quickscore					_	
HRS/SCORE				Quic	ckscore Home C	Quickscore Help
Action Toolbar: Save As Import Export Under	do Redo Print Calcula	ator				
Create New Site  Site Nam Scenario	me: Trainir io Name: Trainin	purce Information Pathway Sco ing Example g example		,	Site Score: 14.66	
Soil	rio Summary (14.66) (	AOC Information	Subsurface Intrusion Scoresheet  Subsurface Intrusion Scoresheet	Air Scoresheet (0)  AOE Information	ASC Information	
View/Edit Existing  □ LPO Auto Parts □ LPO Ssl □ Export □ Training Example ← □ Sources ← □ Pathways	STEP 1	Ining Example / Training example  A  Select One  Uttuent Quantity:  Check if Check i	Fier A is adequately determined Fier B is adequately determined Figure 1 in the second of the second	th Calculate	Add New AOC  Delete AOC	ated with

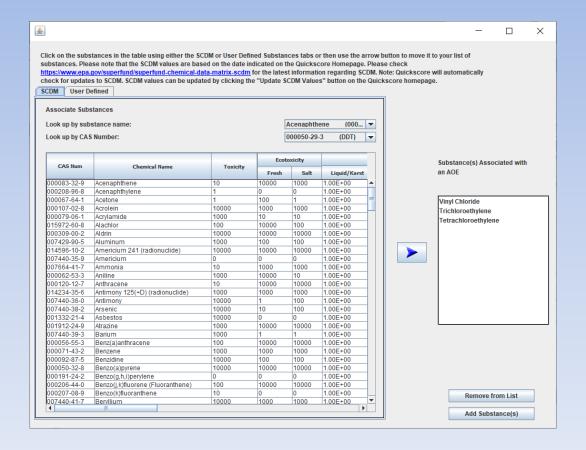


#### **Subsurface Intrusion**





#### **Hazardous Substance**





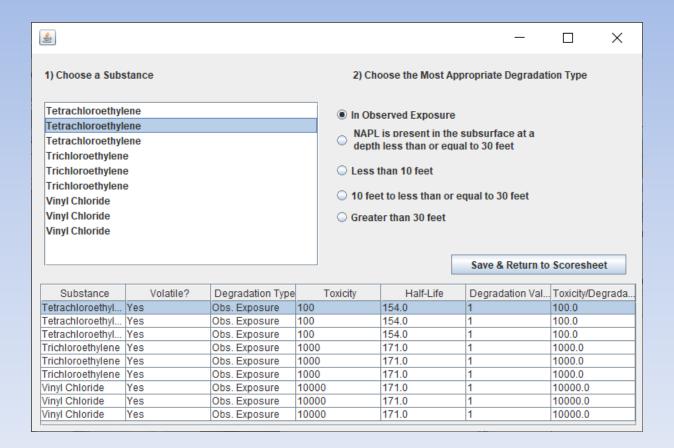
#### **Polling Question #4**

How do you update SCDM in Quickscore?

- It is not possible
- Click on the "Update SCDM Values" button on the Quickscore Home screen
- Manually enter the updated values
- Call the Helpline



#### **Assigning Degradation**





## **AOE**

MRS Quickscore		- 🗆 ×
Quick HRS/SCORE		Quickscore Help
Action Toolbar: Save As Import Ex	port Undo Redo Print Calculator	
Create New Site  Create New Scenario  View / Edit Existing  LPQ Auto Parts LPQ Ssl Export Training Example Training example Pathways	Site Scenario Information Source Information Pathway Scoresheets  Site Name: Training Example Scenario Name: Training Example  Scenario Summary (14.66) GW Scoresheet (20.24) SW Scoresheet (0) SESsI Scoresheet (21.22) Air Scoresheet (0)  Soil Exposure Scoresheet AOC Information Subsurface Intrusion Scoresheet  AOE Inform  STEP 1  Site/Scenario Name: Training Example / Training example  AOE Number:  AOE Name:  Park Owner Home  STEP 2  HWQ Value:  343.7 Enter the hazardous waste quantity value for this AOE per section 5.2.1.2.2 - Hazardous Waste Quantity  343.7 : AOE Hazardous Waste Quantity (HWQ)	Site Score: 14.66    Site Score: 14.66
	AOE Number AOE Name	AOE HWQ
	1         Park Owner Home         342           2         Business         947	

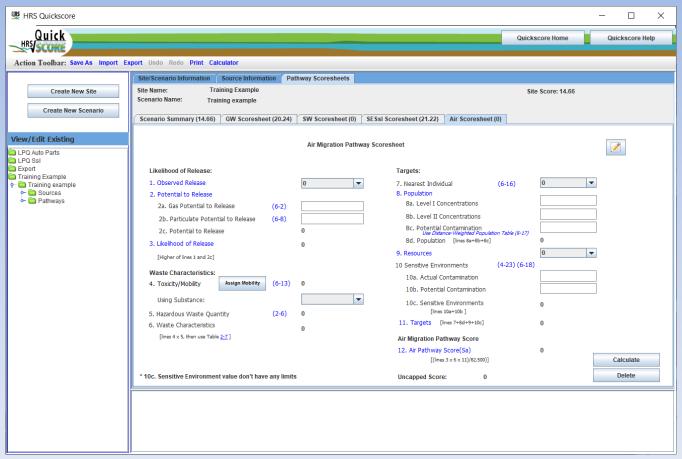


## **ASC**

HRS Quickscore		- 🗆 ×
Quick		Quickscore Home Quickscore Help
Action Toolbar: Save As Import Ex	port Undo Redo Print Calculator	
Create New Site  Create New Scenario  View/Edit Existing  LPQ Auto Parts LPQ Sal Export	Site/Scenario Information Source Information Pathway Scoresheets  Site Name: Training Example Scenario Name: Training example  Scenario Summary (14.66) GW Scoresheet (20.24) SW Scoresheet (0) SESsI Scoresheet (21.22) Air Scoresheet (  Soil Exposure Scoresheet AOC Information Subsurface Intrusion Scoresheet AOE Infor  STEP 1  Site/Scenario Name: Training Example / Training example	ASC Information  STEP 3  Which eligible substances are
Training Example  Training Example  Training example  Training example  Training example  Training example	ASC Name:  Park Homes  STEP 2  HWQ Value:  1414.88 Enter the hazardous waste quantity value for this ASC per section 5.2.1.2.2 - Hazardous Waste Quantity  1414.88 : ASC Hazardous Waste Quantity (HWQ)	associated with this ASC?  Associate Substances  Tetrachloroethylene Vinyl Chloride Trichloroethylene  Add New ASC  Delete ASC
	ASC Letter ASC Name	ASC HWQ
	A Park Homes 1	114.88



## **Air Pathway**





#### **Thank You!**

#### Helpline Contact Info:

- https://www.epa.gov/supe rfund/superfund-hazardranking-system-hrsquickscore
- Phone: 703-284-6600
- Email: <u>quickscore@gdit.com</u>

