PA REASSESSMENT COVER SHEET

FACILITY NAME : Westinghouse Electric Transformer Site

EPA I.D. # : NYD000512723

ORIGINAL PRIORITY : Low

REVIEWED BY :

REASSESSED PRIORITY : NFRAP

COMMENTS : See Phase I Report.

Ref: 17 states Municipal water supplies Utica + 3 mile radius south of River => located > 25 miles from Utica.

Files state PCB spills on site ∴ assumed GW observed release

No wells identified within 3 mi

PREPARER : Ben Conetta DATE : 12/14/88

380496

Ground Water Route Work Sheet

Rating Factor	Assigned Value	Mult.	HRS	Max	PRO
1 Observed Release	0 45	1			45
If observed release is given a score of 45, proceed to line 4 If observed release is given a score of 0, proceed to line 2					
2 Route Characteristics					
Depth to Aquifer of Concern	0 1 2 3	2		6	
Net Precipitation	0 1 2 3	1		3	
Permeability of the Unsaturated Zone	0 1 2 3	1		3	
Physical State	0 1 2 3	1		3	
Total Route Characteristic Score				15	
3 Containment	0 1 2 3	1		3	
4 Waste Characteristics					
Toxicity/Persistence	0 3 6 9 12 15 (18)	1		18	18
Hazardous Waste Quantity	0 (1) 2 3 4 5 6 7 8	1		8	1
Total Waste Characterization Score				26	
5 Targets					
Ground Water Use	0 (1) 2 3	3		9	3
Distance to Nearest Well/Population Served	(0) 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40	0
Total Target Score				49	3
6 If line 1 is 45, multiply 1 x 4 x5 If line 1 is 0, multiply 2 x 3 x 4 x 5				57330	2565
7 Divide line 6 by 57,330 and multiply by 100 Sgw=					4.474

Surface Water Route Work Sheet

Rating Factor	Assigned Value	Mult.	HRS	Max	PRO
Observed Release	0 45	1			
If observed release is given a score of 45, proceed to line 4 If observed release is given a score of 0, proceed to line 2					
Route Characteristics					
Facility Slope and Intervening Terrain	0 1 2 3	1		3	
1-yr. 24-hr. Rainfall	0 1 2 3	1		3	
Distance to Nearest Surface Water	0 1 2 3	2		6	
Physical State	0 1 2 3	1		3	
Total Route Characteristic Score				15	11
Containment	0 1 2 3	1		3	3
Waste Characteristics					
Toxicity/Persistence	0 3 6 9 12 15 18	1		18	18
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	1
Total Waste Characterization Score				26	19
Targets					
Surface Water Use	0 1 2 3	3		9	6
Distance to a Sensitive Environment	0 1 2 3	2		6	2
Population Served/ Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40	0
Total Target Score				55	8
If line 1 is 45, multiply 1 x 4 x5 If line 1 is 0, multiply 2 x 3 x 4 x 5				64350	5016
Divide line 6 by 64,350 and multiply by 100 Ssw=					7.795

PRO	S	S^2
Groundwater Route Score (Sgw)	4.474	20.016
Surface Water Route Score (Ssw)	7.795	60.762
Air Route Score (Sa)		

$S^2_{gw} + S^2_{sw} + S^2_a$	80.778	
$\sqrt{S^2_{gw} + S^2_{sw} + S^2_a}$	8.987	
$S^2_{gw} + S^2_{sw} + S^2_a / 1.73 = Sm =$	5.195	

WORKSHEET FOR COMPUTING Sm *

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Initials/Date 3/7/22