PA REASSESSMENT COVER SHEET

FACILITY NAME : Proll Toys

EPA I.D. # : NJD049862691

ORIGINAL PRIORITY : Low

REVIEWED BY : DD

REASSESSED PRIORITY : Med

COMMENTS : Plastic toy manufacturer. Toluene is used (as solvent adhesive) at the site and is discharged through stack emissions. No evidence of hazardous conditions. The Bloomfield Health Dept. has alleged that weapons manufacturing and testing occurred at this site.

Not enough info to score → Medium priority SI needed to gather more info.

PREPARER J. Harney DATE : 2-22-89

249037

Ground Water Route Work Sheet

Rating Factor	Assigned Value	Mult.	HRS	Max	PRO
1 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					
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	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
Total Waste Characterization Score				26	
5 Targets					
Ground Water Use	0 1 2 3	3		9	
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40	
Total Target Score				49	
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	
7 Divide line 6 by 57,330 and multiply by 100 Sgw=					

Surface Water Route Work Sheet

Rating Factor	Assigned Value	Mult.	HRS	Max	PRO
1 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					
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	
3 Containment	0 1 2 3	1		3	
4 Waste Characteristics					
Toxicity/Persistence	0 3 6 9 12 15 18	1		18	
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1		8	
Total Waste Characterization Score				26	
5 Targets					
Surface Water Use	0 1 2 3	3		9	
Distance to a Sensitive Environment	0 1 2 3	2		6	
Population Served/ Distance to Water Intake Downstream	0 4 6 8 10 12 16 18 20 24 30 32 35 40	1		40	
Total Target Score				55	
If line 1 is 45, multiply 1 x 4 x5 If line 1 is 0, multiply 2 x 3 x 4 x 5				64350	
Divide line 6 by 64,350 and multiply by 100 Ssw=					

HRS	S	S^2
Groundwater Route Score (Sgw)		
Surface Water Route Score (Ssw)		
Air Route Score (Sa)		

$S^2_{gw} + S^2_{sw} + S^2_a$		
$S^2_{gw} + S^2_{sw} + S^2_a$		
$S^2_{gw} + S^2_{sw} + S^2_a$ / 1.73 = Sm=		

WORKSHEET FOR COMPUTING Sm *

* CONFIDENTIAL INFORMATION; NOT RELEASABLE TO THE PUBLIC

PRO	S	S^2
Groundwater Route Score (Sgw)		
Surface Water Route Score (Ssw)		
Air Route Score (Sa)		

$S^2_{gw} + S^2_{sw} + S^2_a$		
$S^2_{gw} + S^2_{sw} + S^2_a$		
$S^2_{gw} + S^2_{sw} + S^2_a$ / 1.73 = Sm=		

WORKSHEET FOR COMPUTING Sm *

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DECLASSIFIED
Date: 10/29/14 Initial: jl