

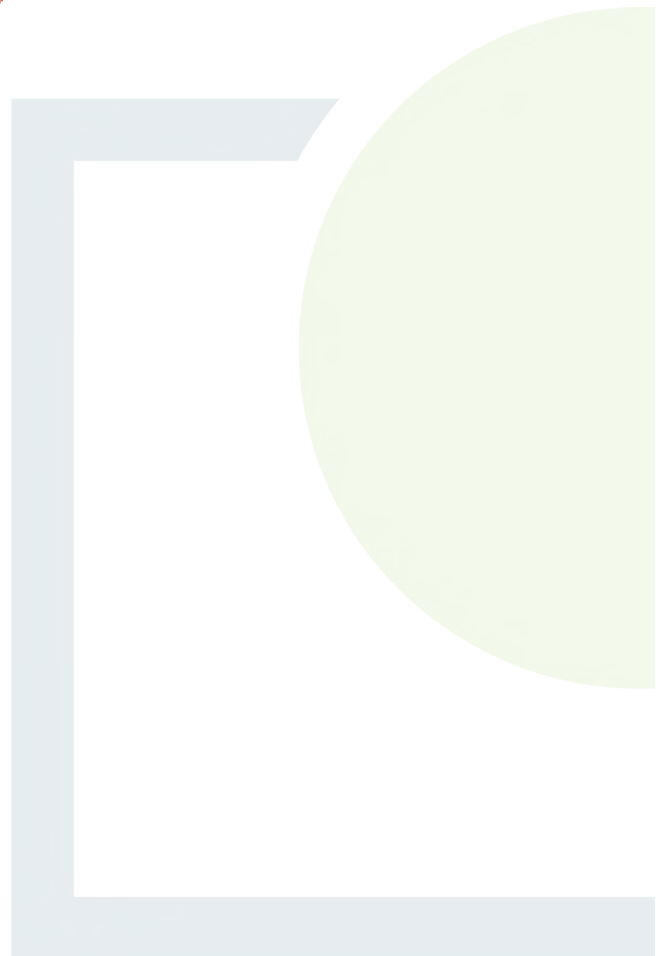


CONSULTANTS IN ENGINEERING,
ENVIRONMENTAL SCIENCE & PLANNING

APPENDIX 1

Tier 1 Risk Assessment

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3. Source – Pathway - Receptor Scores

SPR	Maximum Score	SPR Value	Linkages	Normalised Score
1	$10 \times (3+5+2) \times 3 = 300$	$7 \times (2+5+2) \times 2 = 126$	leachate – s/water	42%
2	$10 \times (3+5+2) \times 3 = 300$	$7 \times (9) \times 0 = 0$	leachate - GWDTE	0%
3	$10 \times (3+5) \times 3 = 240$	$7 \times (2+5) \times 1 = 49$	leachate – private wells	20.4%
4	$10 \times (3+5) \times 3 = 240$	$7 \times 7 \times 0 = 0$	leachate - GWDTE	0%
5	$10 \times (3+5) \times 5 = 400$	$7 \times 7 \times 5 = 245$	leachate – aquifer	61.25%
6	$10 \times (3+5) \times 7 = 560$	$7 \times 7 \times 3 = 147$	leachate - PWS	29.4%
7	$10 \times (3+5) \times 3 = 240$	$7 \times 7 \times 2 = 98$	leachate – s/water	40.1%
8	$10 \times 2 \times 3 = 60$	$7 \times 2 \times 2 = 28$	leachate – s/water	46.6%
9	$10 \times 2 \times 3 = 60$	$7 \times 2 \times 0 = 0$	leachate - GWDTE	0%
10	$10 \times 3 \times 5 = 150$	$7 \times 3 \times 5 = 105$	landfill gas - humans	70%
11	$10 \times 5 \times 5 = 250$	$7 \times 5 \times 5 = 175$	landfill gas - humans	70%

High Risk site

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