

## Appendix 6

### Environmental Aspects Register – Groundwater and Contaminated Land

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**ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEM**

RV

Page Number: 6 of 18  
 ISO Clause No.: 4.3.1  
 EMS Ref. no.: ER 001  
 Rev. Number: 1

Prepared By:  
 Approval By:  
 Effective Date:

Nikita Coulter  
 Noel Madden

Sig.:  
 Sig.:

**TITLE: Environmental Aspects Register**

2. No.	Issue/ Aspect	Impact	F	L	S						C	Ref. to Objectives & Targets & EMP	Control Mechanism	Comments
					i	ii	iii	iv	v	vi				
SW 12	Fire water runoff.	Impact on surface water and sewer water quality	10	10	5	3	4	5	2	4	2300	Env 1 – Fire Prevention	Emergency Response Procedure EOP 025	Health & safety issue.

3. No.	Issue/ Aspect	Impact	F	L	S						C	Ref. to Objectives & Targets & EMP	Control Mechanism	Comments
					i	ii	iii	iv	v	vi				
GW 1	Aquifer underlying the site	Spillages	10	4	5	2	2	3	1	2	600	ENV 4 – Site Spillages	Concrete ground in the yard	Aquifer under site. Regionally important aquifer
GW 2	Leaking site drains	Pollution of ground water	10	8	5	2	2	4	1	2	1280	ENV 2 – Yard Run Off	CCTV survey required. PM procedure EOP 033.	Clause 3.6 of WP
GW 3	Leaking interceptor sump	Pollution of ground water	10	4	5	2	2	1	1	2	520	ENV 2 – Yard Run Off	Daily inspection records. Sump installed 2007.	Need integrity test on sump. EOP 027

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Page Number: 13 of 18  
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6. No.	Contaminated Land Issue/ Aspect	Impact	F	L	S						C	Ref. to Objectives & Targets & EMP	Control Mechanism	Comments
					i	ii	iii	iv	v	vi				
CL1	Contaminated land from historic site use	Contaminated land Groundwater pollution	10	2	5	1	2	1	1	1	220	Not Applicable	Historic use of the site was Green field	There has been no soil testing beneath the site
CL2	Contaminated land from previous site operations	Clean up costs Contaminated land Groundwater pollution Clean up costs	10	2	5	2	2	4	1	1	300	Not Applicable	Previous site use as light engineering	There has been no soil testing beneath the site
CL3	Contaminated land from existing site operations	Contaminated land Groundwater pollution Clean up costs	10	2	5	2	2	4	1	1	300	ENV 2 - Yard Run Off	Hard covered yard, drains and sump	Need to check integrity of drains and sump

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6. Contaminated Land	No.	Issue/ Aspect	Impact	F	L	S						C	Ref. to Objectives & Targets & EMP	Control Mechanism	Comments
						i	ii	iii	iv	v	vi				
CL4		Contaminated land from fire water run off	Contaminated land Groundwater pollution Clean up costs	4	4	5	3	2	5	2	2	304	ENV 2 - Yard Run Off	Active fire prevention management.	No fire water retention capacity.

7. Ecology	No.	Issue/ Aspect	Impact	F	L	S						C	Ref. to Objectives & Targets & EMP	Control Mechanism	Comments
						i	ii	iii	iv	v	vi				
EC1		Existing site infrastructure	Loss of site ecology/ diversity	1	10	1	1	5	1	1	1	100	Not Applicable	Not applicable	Site was built on a green field site
EC2		Existing site use & operations	Loss of site ecology/ Diversity	1	10	1	1	1	1	1	2	70	Not Applicable	Not applicable	There is no significant site ecology
EC3		Site discharges & emissions	Contaminated run off Water pollution	10	4	5	2	2	1	1	2	520	Not Applicable	Waste permit, site procedures, EMS and emissions testing	Site emissions are monitored and controlled