

10 December 2018

ATT: Mr Schalk Viljoen P.O. Box 21 Riviersonderend 7250

DEADP Ref: 16/3/3/2/E3/10/1003/17

Dear Mr. Viljoen

Please refer to the compliance rating score card which should be read in conjunction with the ECO construction site environmental inspection report. The ECO construction site environmental report is a consolidated report, combining the last four bi-weekly site visits conducted by the ECO.

Please find attached:

- Appendix A: Four ECO Environmental Bi-Weekly reports & photo records dated 12 October 2018, 31 October 2018, 16 November 2018 and 4 December 2014 as well as associated incident reports 2 & 3.
- Appendix B: Photo record summary indicating the progress of the dam development.
 Please note that photos are also stored electronically and is available on request.

Yours sincerely,

Inge Erasmus EnviroAfrica

2018 ENVIRONMENTAL COMPLIANCE RATING SCORECARD: Dasberg Dam_10 Dec 2018

Compliance Rating 0/3/4/5/6 0 = Poor / 3 = Average / 4 = Good / 5 = Very Good / 6 = Excellent (bonus point)

Item No.	Description	Environmental Audit Findings & Comments	Score	Environmental Rating
1.	Demarcation	Appropriate methods of site demarcation and ongoing maintenance of construction site demarcation remains good.	4	Good
2.	No-go areas	No-go areas are being maintained.		Good
3.	Vegetation and Topsoil Removal	Topsoil managed as per method statement.	3	Average
4.	Construction camp and site office	Very neat and clean. No littering or cigarette buds.	6	Excellent
5.	Personnel living in quarters	Very neat and clean. No littering or cigarette buds. Trench drains are being maintained with lime for odour as per the method statement.	6	Excellent
6.	Plant machinery/ refueling yard	Greasing equipment left on site after use and not used on impermeable surface	3	Average
7.	Construction vehicle maintenance	Various construction vehicles/ machines need to be serviced as they are leaking oil.	0	Poor
8.	Access roads	Access roads have been scraped and are being maintained.	5	Very good
9.	Toilets	Toilets are clean and served regularly as per the method statement. A third toilet was placed on site when new workers arrived.	5	Very good
10.	Drip Trays	During the site visit on 16 Nov 2018 there very few to no drip trays visible on site and under stationary machines and mobile Diesel refueler. Various spills were observed. During the site visit on 5 Dec 2018, drip trays were on site but not placed under stationary machines that have the potential to leak oil. No drip tray placed under Diesel refueler and a Diesel spill was observed.	0	Poor
		Corrective measures were taken, and spills were cleaned up Please refer to ECO Bi-weekly site checklists & Incident reports (2) & (3) attached.		
11.	General waste	Dust bins were emptied. No littering on site.	5	Very good
12.	Hazardous waste and spills	Various oil spills from stationary machines on site due to drip trays not in place and machines not being maintained and serviced. Spills were cleaned up immediately.	3	Average
13	Top up oil storage area	Reasonable condition. Could be neater.	3	Average
14.	Construction waste	Construction waste used as filling under surface beds for the Dasberg pumphouse as per the agreed upon method statement.	4	Good

15.	Concrete works	Concrete and cement work at the Dasberg pump house as per the agreed upon method statement.	4	Good
16.	Erosion control	No erosion control measures necessary to date	N/A	
17.	Heritage resources	No heritage resources observed to date	N/A	
18.	Dust control	Dust is not an issue on site as the site is kept quite wet for the construction of the dam wall	4	Good
19.	Method statements	Most method statements in place to date.	4	Good
20.	Environmental Site file up to date	In order	5	Very good
			Total Score	68/90 75,5%

ECO CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT

Project Name:	Dasberg Dam	Report no	2 (Consolidated report of last 4 site visits)
Main Contractor:	Moresongrondverskuiwings	Date	7 December 2018
ECO:	Inge Erasmus	EnviroAfrica Ref.	0438
		no.	

ENVIRONMENTAL ASPECT RATING: 1 = EXTREMELY POOR 2 = POOR		RATING	FINDINGS &	RECOMMENDATION	VS	
		3	= AVERAGE	4 = GOOD	5 = EXCELLENT	
1.	DEMARCATION Boundaries of "no go" areas, sites, -offices, temporary storage as labourer's facilities must be (EMP and ECO requirements) and for the length of the construction	areas as well demarcated d maintained	4	Construction statement.	site was demarcat	ed as per the method
2.	NO-GO AREAS Identified "No-Go Areas", must be for protection from construct (including secondary impact). • All areas outside of the construction site(s) and access regarded as NO-GO areas remaining natural veld identified significant vegetation.	demarcated road(s) to be s, including d trees.	4	_	are maintained as no	o-go areas.
3.	SEARCH & RESCUE All flora identified for search & re removed before any constructio and re-used in pre-approved way.	n take place	5	Environments commenced.	al 15 & 16 August 20	onducted by VULA 18 before excavations In the No-go area.
4.	VEGETATION & TOPSOIL REMOVE Before any construction or earthy must be stripped (>150mm) and s rehabilitation/ landscaping. Stock • must be protected (erosion) separately. • may not be moved further than s with any other soil. • must be convex and should not height.	vorks, topsoil stockpiled for spiles: and stored	3	that the entire Plant mater stockpiled by dumped outs heaps and room During the sagreed upon be used for re-	re dam footprint has ial in the stream y means by mear side west of the cows of 1-2 metres high econd site visit, 28 that this plant mate enabilitation where	was stripped and as of bulldozing and lam wall footprint in
	In addition: • Cleared areas must be stabilized	i.		2018, that du	ue to the high clay	nd site visit, 28 August content in the topsoi from the dam basin is

ENV	IRONMENTAL ASPECT	RATING	FINDINGS & RECOMMENDATIONS
RAT	ING: 1 = EXTREMELY POOR 2 = POOR	3	= AVERAGE 4 = GOOD 5 = EXCELLENT
	 Burning or burying of cleared vegetation is prohibited (may be used for mulch or slope stabilisation on site). 		to be used in the construction of the dam wall. No stockpiling to be done. It should be kept in mind that the site is also considered previously ploughed, thus no natural vegetation is present on the site.
5.	CONSTRUCTION CAMP & SITE OFFICES Must be organised and free of day-to-day litter (good housekeeping standards).	5	Construction camp and site office was very tidy. No litter or cigarette buds were observed on site.
6.	LABOURER'S FACILITIES Facilities must be of acceptable standards suitably demarcated, well maintained, neat and tidy and with adequate ablution facilities.	5	The labourers camp was very tidy. No litter or cigarette buds observed. Dust bins were emptied. Ablution facilities were clean. Trench drains are being maintained with lime for odour as per the method statement.
7.	ENTRANCE AND HAUL ROADS Only approved entrance and haul roads may be used. No new roads or parking areas may be developed without written approval from the ECO.	4	Two entrance points to the site is being used. Roads are being maintained. No haul roads needed as per the method statement.
8.	 MANDATORY SITE EQUIPMENT Mandatory site equipment must be in place, well maintained and in accordance with EMP and ECO requirements. Sufficient refuse bins, well placed and cleaned regularly. Sufficient fire extinguishers, readily available, maintained and functional. Drip trays must be used at all fuel and oil storage and refuelling sites. Toilets and sanitation facilities must be kept clean neat and hygienic. 	4	All in order
9.	FUEL AND OIL STORAGE HANDLING Fuel storage areas must be situated within the demarcated construction camp site (or an area approved by the ECO). • Larger containers must be bunded (containment of accidental spillages). • Drip trays must be used during refuelling or under stationary refuelling vehicles. • Fuel and oil storage and refuelling sites must be maintained.	1	It was agreed that all machinery will be refuelled on site at the machine refuelling by means of a mobile tanker in the refuelling area as per the method statement. Top-up oil is stored on site in marked containers in large drip trays in the store unit. No drip trays were visible under stationary machines or Diesel refueller during site visit dated 16 November 2018. Diesel spills were visible under the refueller as well as oil spills under stationary machines. Some spills were cleaned up immediately.
			No drip trays under some of the stationary mach which have the tendency to leak oil during the last visit dated 4 December 2018. Oil spills were observed.

ENV	IRONMENTAL ASPECT	RATING	FINDINGS & RECOMMENDATIONS
RATI	ING: 1 = EXTREMELY POOR 2 =	POOR	3 = AVERAGE 4 = GOOD 5 = EXCELLENT
			No drip tray placed under Diesel refueller and spills were observed. Corrective measure were undertaken and spills were cleaned up. Please refer to photo records in die bi-weekly reports conducted as well as incident reports (2) & (3), Appendix A
10.	STOCKPILING & TEMPORARY STORAGE May only be placed on pre-approved demarcated, stabilised or organised as	ed sites,	The only stockpiling that will be done is the stockpiling of the plant material that was removed in the stream. No other stockpiling required.
11.	The contractor is expected to construction related waste mate general litter on actual construction its immediate surroundings. • Waste management must be in actual with the EMP, of acceptable standaregular removal of general waste, however, as well as construction waste.	erial and sites and coordance ards, with lazardous	General waste and Hazardous was is being maintained as per the method statement. Oil spills and Diesel spills observed during a site visits, 16 November and 4 December 2018. Corrective measures were taken.
	concrete waste and spoil). CEMENT MIXING & BATCHING AREAS Mixing areas must be approved by suitably demarcated and may not pollution. Polluted cement water may only be into sedimentation ponds. Sedimentation ponds must be mand cleaned regularly (and reinstause).	the ECO, result in released aintained	The use of cement as per method statement for the pumphouse as well as the dam.
13.	CONSTRUCTION VEHICLE MAINTENA Construction vehicles must be in good order and well maintained to prever fuel leakages and to reduce noise leve	d working nt oil and	Some construction machines/ vehicles need to be maintained to ensure they do not leak oil.
14.	HEAVY EARTHMOVING EQUIPMENT Construction vehicles and equipment operate within the demarcated site be (and approved access roads), especial earthmoving vehicles.	oundaries	All in order
15.	DUST CONTROL Adequate control measures must be in prevent dust nuisance or pollution (e haul roads and exposed surfaces). • Areas of concern must be watered during construction AND periods winds, BUT must take water savaccount.	regularly of strong	Dust is not an issue on site as the site is kept wet for the construction of the dam wall.
16.	EROSION CONTROL	N/A	Erosion is not considered an issue on this site and should be considered when the dam was is constructed

Live	IRONMENTAL ASPECT	RATING	FINDINGS & RECOMMENDATIONS
RAT	NG: 1 = EXTREMELY POOR 2 = POOR	3	= AVERAGE 4 = GOOD 5 = EXCELLENT
	 Erosion resulting from works must be controlled. Temporary and permanent drainage areas must be maintained. Erosion damage and damage in drainage courses must be reinstated. 		
17.	NOISE CONTROL	N/A	Noise control not an issue on this site.
	Effective noise control measures must be in place and acceptable working hours must be kept (deviations must be approval by the ECO).		
18.	ARCHAEOLOGICAL & HERITAGE FINDS	N/A	No archaeological or heritage finds to date.
	Should any archaeological or heritage remains be exposed during excavations or any activity on site, these must immediately reported to The site agent/engineer, the ECO HWC or SAHRA.		
19.	METHOD STATEMENTS		
	Method statements must be submitted and approved before commencement of the works.		
	Possibly Required:		
	 Demarcation & No-Go Areas (Map) Personnel living-in quarters Road and Traffic Management Plan Clearing of Vegetation and Topsoil Fuel and oil storage and handling Cement mixing Domestic and Hazardous waste plan Rehabilitation 	3	 In place Still to be conducted
	Additional Method Statements		
	9. Construction of Dasberg Clay source 210. Water supply pond11. Spillway12. Pump House		9. In Place 10. In Place 11. In place 12. In place
20.	ENVIRONMENTAL CONDUCT Environmental conduct of construction personnel must be acceptable (e.g. no burning or burying of refuse; no littering and no cement bags or other construction waste material lying around).	4	During the first site visit, an environmental educatio meeting was held
21.	ENVIRONMENTAL CHECKLIST		
	The contractor must ensure that the weekly environmental checklist is completed at the end of each week and it must be available at the site offices.	4	In order

ENVIRONMENTAL ASPECT			ATING	FINDINGS & R	ECOMMENDATION	S
RATIN	NG: 1 = EXTREMELY POOR 2	= POOR	3	= AVERAGE	4 = GOOD	5 = EXCELLENT
22.	REHABILITATION On completion of the project or phase impacted by the construction activities reinstated and/or rehabilitated satisfaction of the ECO with emphase following: Site offices must be removed and rehabilitated or reinstated to the satisfaction of the ECO. Labourer's facilities must be removed the areas rehabilitated or reinstated satisfaction of the ECO. All construction site areas of the ECO. All temporary fencing and demarcated be removed and the areas reinstates satisfaction of the ECO.	e, all areas ties must d to the sis on the the areas tisfaction oved and ed to the must be tisfaction tion must ed to the must be tisfaction I must be itated or ECO. must be	N/A		hen construction is o	
	SPOT FINES & PENALTIES Spot fines and penalties must be recorded documented by the ECO (in accorded the EMP).	orded and	N/A	Not necessary	to date	
	Photographs must be taken by the Engineer and or Site Manager, prior tand immediately after construction reference. These photographs must with other records relating to the EM	to, during as visual be stored	Yes	the past 4 site bi-weekly chec bi-weekly repo Please also r construction, a	visits, photo record cklist. Please refer to orts conducted, App refer to progress Appendix C os for all site visits a	n every site visit. For s were kept with the photo records in die endix A photographs during re kept electronically

ECO COMMENTS

The Dasberg Dam Pumphouse is considered associated infrastructure to the Dasberg dam. Mr. George Missing and Pieterse Builders was appointed to construct the dam. A method statement for the construction of the pump house was conducted and agreed upon and is available in the environmental file.

End of report

ECO

Signat

Appendix A: Bi-weekly checklists conducted

ECO: ENVIRONMENTAL WEEKLY/ BIWEEKLY CHECKLIST

ENVIRONMENTAL ASPECT	YES/NO (✓ or X)	COMMENTS
How many workers are on site		
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.	/	
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	1	
Sufficient and appropriate firefighting equipment is visible and readily available.	V	
Waste control and removal system is being maintained.		
Refuse bins in place and maintained	V	
Toilets are in place and clean		
Demarcation and other fences are being maintained.	1/	Dempication of no-go was corrected
What machinery are on site	- V	Dempication of no-go was corrected Normal machines as per method state
Drip trays are being utilised where there is a risk of incidental spillage	V	
Bunds/ drip trays are being emptied on a regular basis (especially after rain).		The ECO conducted the site visit during wakers langu- Driptrays were mady under all stationary whiches
No leakages (oil & fuel) are visible from construction vehicles	V	wiew an statisting o cooleas
No go areas, remaining natural features and trees have not been damaged.		
Dust control measures (if necessary) are in place and are effectively controlling dust.	V	
Noise Control measures (if necessary) is in place and is working effectively.	/	
Erosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)		N/A
Stockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion.		
ompleted by Ing C Sign: Sign:		
o be submitted at the end of eachweek to the	Environme	ital Site Officer (ESO)
eceived by:		
nvironmental Site Officer: : Sign:		Date:



Figure 1: Neat and tidy labourers camp



Figure 4: Clean store room



Figure 3: Demarcated No-go area standing on the dam wall



ECO: ENVIRONMENTAL WEEKLY/ BIWEEKLY CHECKLIST

ITE: Dauberg Dam Site 31 October					
PHASE OF WORK AND % OF COMPLETION:	35	1.			
ENVIRONMENTAL ASPECT	YES/NO (✓ or X)	COMMENTS			
How many workers are on site		26 13 steepingon site, 25 Gravars			
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.	V	Yes according to contracter on site			
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	V	Verytidy			
Sufficient and appropriate firefighting equipment is visible and readily available.	/				
Waste control and removal system is being maintained.	//				
.Refuse bins in place and maintained					
Toilets are in place and clean	V	3 toilets			
Demarcation and other fences are being maintained.	V				
What machinery are on site	/	20			
Drip trays are being utilised where there is a risk of incidental spillage	V				
Bunds/ drip trays are being emptied on a regular basis (especially after rain).					
No leakages (oil & fuel) are visible from construction vehicles	X	No construction rehides leating but container containing waste oil can be cleaned			
No go areas, remaining natural features and trees have not been damaged.	V	· ·			
Dust control measures (if necessary) are in place and are effectively controlling dust.	V	NA			
Noise Control measures (if necessary) is in place and is working effectively.	$\sqrt{}$	M			
Erosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)		MA			
Stockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion.	\bigvee				
Completed by Trage to Sign:) Date:3/	1 October			
To be submitted at the end of each week to the	e Environmer	ntal Site Officer (ESO)			
Received by:					
Environmental Site Officer: : Sign:		Date:			



Figure 1: Oil spils in site storage office

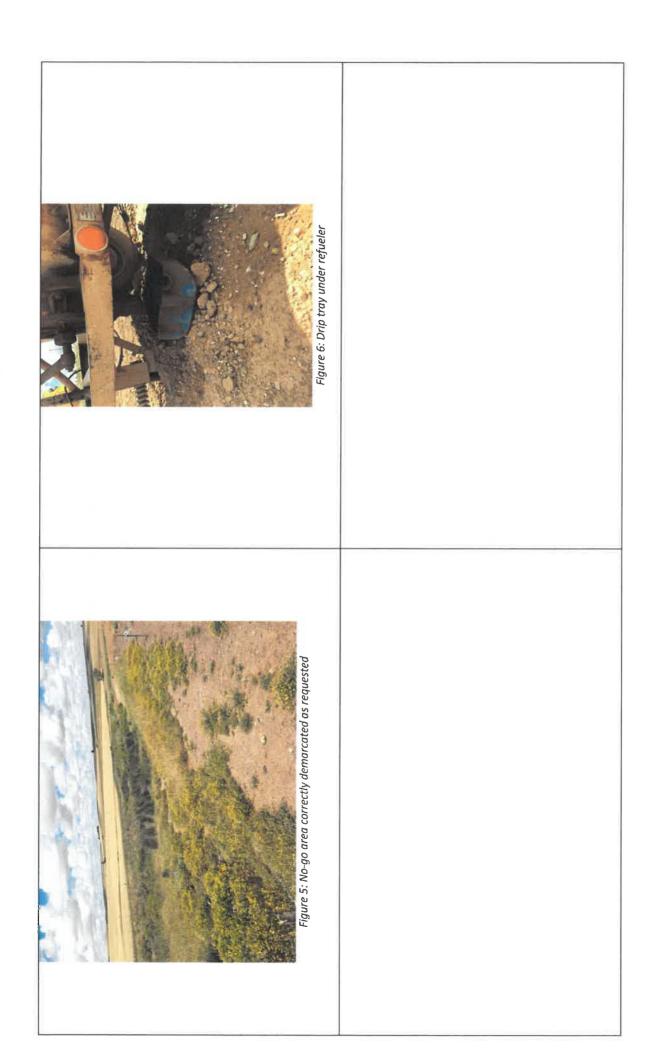
Figure 2: Extra toilet was placed on site to accommodate extra workers



Figure 4: Tidy labourers camp



Figure 3: Lime in trench drains to prevent odour





ECO: ENVIRONMENTAL WEEKLY/ BIWEEKLY CHECKLIST

HASE OF WORK AND % OF COMPLETION:		
ENVIRONMENTAL ASPECT	YES/ NO (✓ or X)	COMMENTS
How many workers are on site	6	
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.	/	
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	V	Neat and fidy
Sufficient and appropriate firefighting equipment is visible and readily available.	V	
Waste control and removal system is being maintained.	V	
Refuse bins in place and maintained		- 10
Toilets are in place and clean		To use to lets at Darbergolam constructions
Demarcation and other fences are being maintained.	√	
What machinery are on site		
Drip trays are being utilised where there is a risk of incidental spillage	ン	NA Not necessary yet
Bunds/ drip trays are being emptied on a regular basis (especially after rain).		M
No leakages (oil & fuel) are visible from construction vehicles	V	NA Na vehicles on site
No go areas, remaining natural features and trees have not been damaged.		NA None-goands
Dust control measures (if necessary) are in place and are effectively controlling dust.		NA
Noise Control measures (if necessary) is in place and is working effectively.	V	M
Erosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)		M
Stockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion.	/	Stockpiles de building Sand + gravel we was placed on liner as requested

Completed by:	Sign:	Date:
To be submitted at the end o	f each week to the Env	vironmental Site Officer (ESO)
Received by:		
Environmental Site Officer: :	Sign:	Date:



Figure 1: Pump house construction



Figure 3: Construction of the pump house



Figure 2: Building rubble placed on micron liner as requested

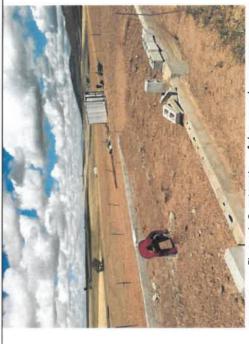


Figure 4: Construction of the pump house

16 Nov 2018

PHASE OF WORK AND % OF COMPLETION:		80%
ENVIRONMENTAL ASPECT	YES/NO (✓ or X)	COMMENTS
How many workers are on site	V	26-23 leoping, astaravary stole
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.	/	J
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	V	
Sufficient and appropriate firefighting equipment is visible and readily available.	1	
Waste control and removal system is being maintained.	V.	
Refuse bins in place and maintained	V	
Toilets are in place and clean	2	
Demarcation and other fences are being maintained.	1/	
What machinery are on site		20 as per metural statement
Orip trays are being utilised where there is a risk of incidental spillage	χ	No driptrays on site + under most much lefter to number 1 report (2)
Bunds/ drip trays are being emptied on a regular basis especially after rain).	X	Driptray under 2 machine full of wester oil
No leakages (oil & fuel) are visible from construction vehicles	X	Various spills on site Reder to increall-report (2)
No go areas, remaining natural features and trees have not been damaged.	V	
Oust control measures (if necessary) are in place and ire effectively controlling dust.		
Noise Control measures (if necessary) is in place and is working effectively.	1	
rosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)	V	
tockpiles are located within the boundary of the site, lo not exceed 2 m in height and are protected from crosion.		
empleted by Tract Sign: Jack	Date:!s	, Wou 201 g
be submitted at the end of each week to the	Environmen	tal Site Officer (ESO)
ceived by:		
vironmental Site Officer: : Sign:		Date:

PROJECT NAME	Dasherg Dam			
PROJECT LOCATION	Portion 5 vau derly	1 Sattstragl &	scid	
SITE AGENT		Noireson Grand		
DATE OF INCIDENT	16 No v 70180	TIME	15:30	
BRIEF DESCRIPTION AND CA	USE OF INCIDENT:			
- areasing og	present on site and pills from stationary junctur refueler; informant left on site cawing potential s	after wellow	tak au impen	neaple
Scarace) -	Camina hoisuldi 2	pill harard	Refer to photore	cord to Now
CS II/O I S CONTROL OF STREET				
	/control measures were take		eaved up	
- Oil spills un		himes were do	eaved up	
WHAT CORRECTIVE ACTIONS	nder stationary mad	himes were do		machin
what corrective actions - Drip trays - Coleso response to incident	nder stationary mad	himes were do	len stationan	

REMEMBER TO BE FACTUAL WHEN DESCRIBING THE INCIDENT

DATE

SIGNATURE OF SITE AGENT:

SIGNATURE OF ECO/ESO

Dasberg Dam_Photo record_16 November 2018



Figure 1: Stationary Wabco machine with no drip trays



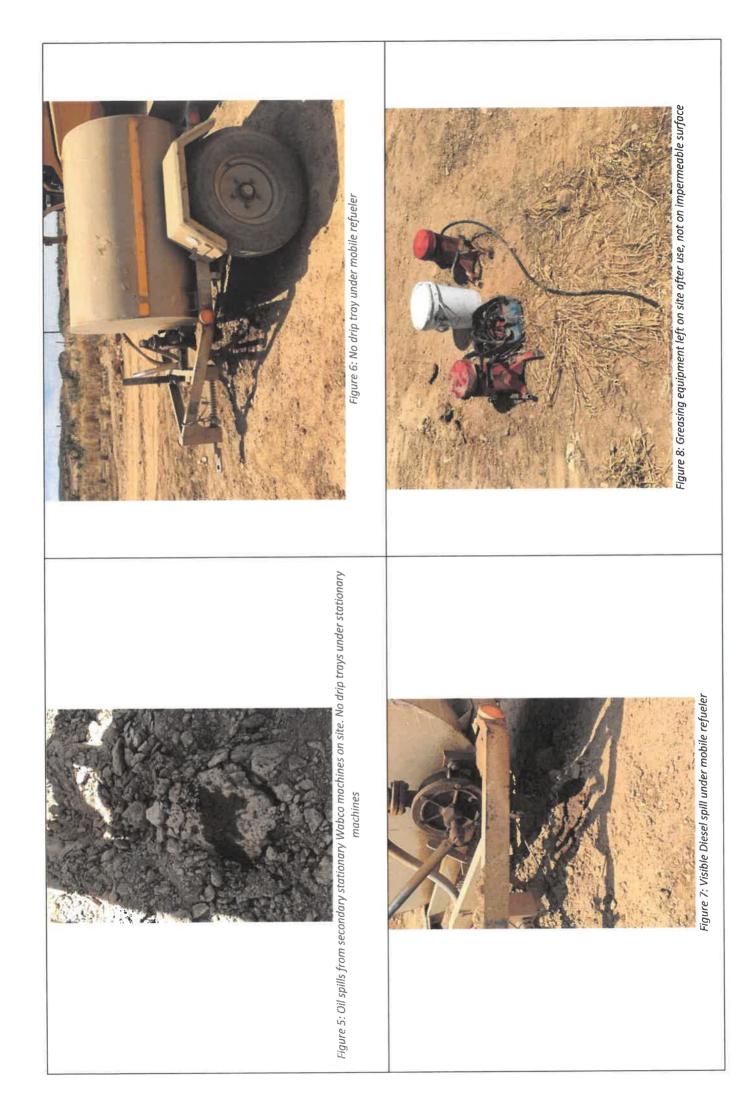
Figure 2: Oil spills from stationary Wabco machines on site. No drip trays under stationary machines

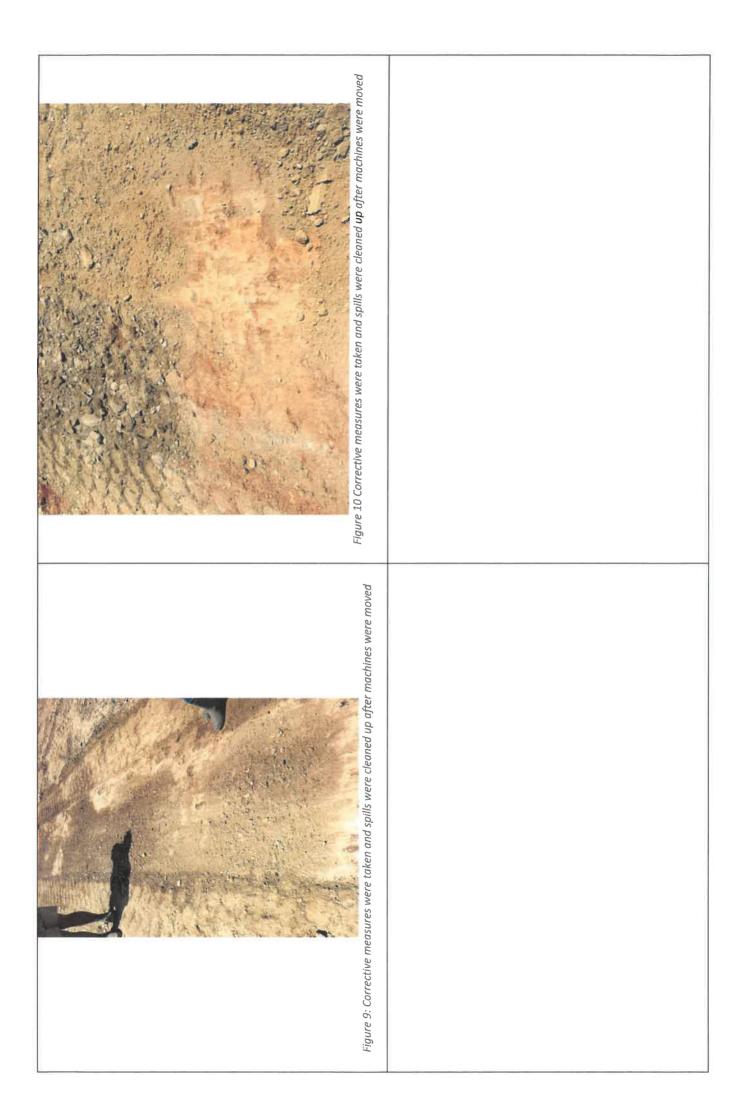


Figure 3: Stationary machine on site with no drip tray and visible oil leaks



Figure 4: Second stationary Wabco machine with no drip trays





ENVIRONMENTAL ASPECT	YES/ NO (✓ or X)	COMMENTS
How many workers are on site		7
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.	/	•
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	X	Some construction material
Sufficient and appropriate firefighting equipment is visible and readily available.	1	J
Waste control and removal system is being maintained.	V	
Refuse bins in place and maintained		
Toilets are in place and clean	V	
Demarcation and other fences are being maintained.	1	
What machinery are on site		Generator, angit glinder; float, wide
Drip trays are being utilised where there is a risk of incidental spillage	1/	J. J. Mary J. V.
Bunds/ drip trays are being emptied on a regular basis (especially after rain).		
No leakages (oil & fuel) are visible from construction vehicles	V	NA
No go areas, remaining natural features and trees have not been damaged.	1	WA
Dust control measures (if necessary) are in place and are effectively controlling dust.	V	
Noise Control measures (if necessary) is in place and is working effectively.	V	
Erosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)	V	
Stockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion.	1/	
ompleted by: Light GMV. Sign: Job be submitted at the end of each week to the		
eceived by:		
nvironmental Site Officer: : Sign:		Date:



Figure 1: Dasberg Dam Pump house progress. Protective sheet placed for working with cement for protection



Figure 3: Building material outside the construction footprint (to be removed



Figure 2: Cement mixing taking place within the pumphouse footprint

ECO: ENVIRONMENTAL WEEKLY CHECKLIST

PHASE OF WORK AND % OF COMPLETION:	ddo	
ENVIRONMENTAL ASPECT	YES/ NO (✓ or X)	COMMENTS
How many workers are on site		15 People-noone sleeping ansite ar
All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course.		No new per sonne
Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard.	/	
Sufficient and appropriate firefighting equipment is visible and readily available.	/	
Waste control and removal system is being maintained.	V	
Refuse bins in place and maintained	V	
Toilets are in place and clean	V	
Demarcation and other fences are being maintained.		
What machinery are on site	/	usual as per method statement
Drip trays are being utilised where there is a risk of incidental spillage	Χ	Vanous stationary vehicles did not have dip trays
Bunds/ drip trays are being emptied on a regular basis (especially after rain).	/	Driptings that we as site was being maintained
No leakages (oil & fuel) are visible from construction vehicles	χ	Udridus Stationory Machines had oil spill + diesel spill under refuele
No go areas, remaining natural features and trees have not been damaged.	V	TO THE PERSON OF THE PARTY OF T
Dust control measures (if necessary) are in place and are effectively controlling dust.	V	
Noise Control measures (if necessary) is in place and is working effectively.	/	
Erosion control measures (if necessary) are in place and are effective in controlling erosion. (Access road, site areas etc.)		
Stockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion.		
ompleted by Inge Famusign: 45	Date: 4	Dec 2018
be submitted at the end of each week to the		
eceived by:		

NVIRONMENTAL	. INCIDENT REPORT	No. <u>3</u>
PROJECT NAME	Dasberg Dam Site	
PROJECT LOCATION	Portion 5 var der Wattstraal 399.	
SITE AGENT	Tinu Prinsloo	
DATE OF INGIDENT	u Dec 2018 time 13:00	
BRIEF DESCRIPTION AND C	CAUSE OF INCIDENT:	
high leakir	is not placed evolet stationary machines	n cité
- No disptrai	y under Diesel tefueler, cliesel spills under	refueler
(Repeat offe	ncc) Refer to photo record u Dec 2018	
WHAT IMMEDIATE ACTION	NS / CONTROL MEASURES WERE TAKEN:	
	pills were cleaned up was cleaned up	
- Unptray:	s me placed.	
WHAT CORRECTIVE ACTIO	NS WERE TAKEN TO ENSURE NO REPEATS OF THE INCIDENT:	
- Orip trays	placed.	
ECO/ESO RESPONSE TO IN	CIDENT AND RECOMMENDATIONS:	
,	need to be serviced and maintainly outure spills on site at all times &	
IS THIS INCIDENT A:	☐ FIRST OFFENCE ☐ SECOND OFFENCE ☐ THIRD O	FFFNCF
is the incirculation.	JEGOND OFFEREE _ IMAGE	
SIGNATURE OF SITE AGENT	T: DATE	

REMEMBER TO BE FACTUAL WHEN DESCRIBING THE INCIDENT

SIGNATURE OF ECO/ESO

DATE \$ 100 2018



Figure 1: Stationary water tank truck with drip tray but visible spills



Figure 2: Oil spills from stationary water tank truck on site.

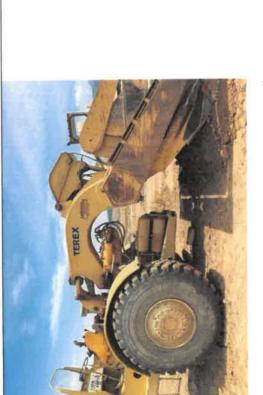


Figure 3: Stationary Terex machine with drip tray, although oil spills were still prominent



Figure 4: Site store room untidy



Figure 5: Previous Diesel spill under mobile refueler not cleaned up since last site visit (16 Nov) and still no drip tray placed.

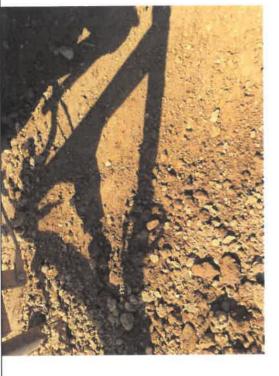


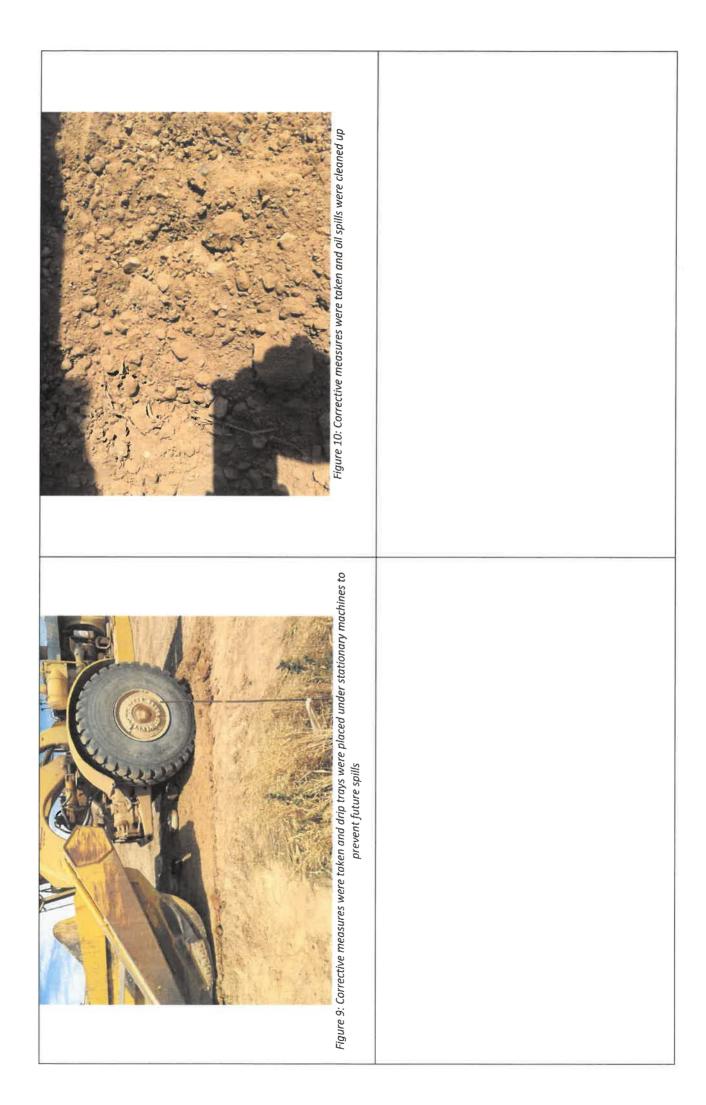
Figure 6: Corrective measures were taken immediately and spill was cleaned up



Figure 7: Corrective measures were taken and a drip tray was placed at the diesel refueler



Figure 8: Corrective measures being taken and oil spill being cleaned up



ECO: ENVIRONMENTAL WEEKLY CHECKLIST

How many workers are on site All new personnel on site are aware of the contents of the EMP and have been through the environmental awareness course. Contractor's camp is neat and tidy and the labourers' facilities are of an acceptable standard. Sufficient and appropriate frieflighting equipment is visible and readily available. Waste control and removal system is being maintained. What machinery are on site Demarcation and other fences are being maintained. What machinery are on site Demarcation and other fences are being maintained. What machinery are on site Durit trays are being utilised where there is a risk of incidental spillage Bunds/ drip trays are being emptied on a regular basis (especially after rain). No leakages (oil & fuel) are visible from construction vehicles No go areas, remaining natural features and trees have not been damaged. Dust control measures (if necessary) are in place and are effectively controlling dust. Noise Control measures (if necessary) are in place and are effectively controlling dust. Noise Control measures (if necessary) are in place and are effectively controlling dust. Sockpiles are located within the boundary of the site, do not exceed 2 m in height and are protected from erosion. Completed by Lagit Lagita Sign:	HASE OF WORK AND % OF COMPLETION:	95	/,
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Figure 2: Dasberg Dam Pumphouse inside Dasberg Dam Pump House_Photo record_4 December 2018 Figure 3: Dasberg Dam Pumphouse site Figure 1: Dasberg Dam Pumphouse

Appendix B: Photo record summary

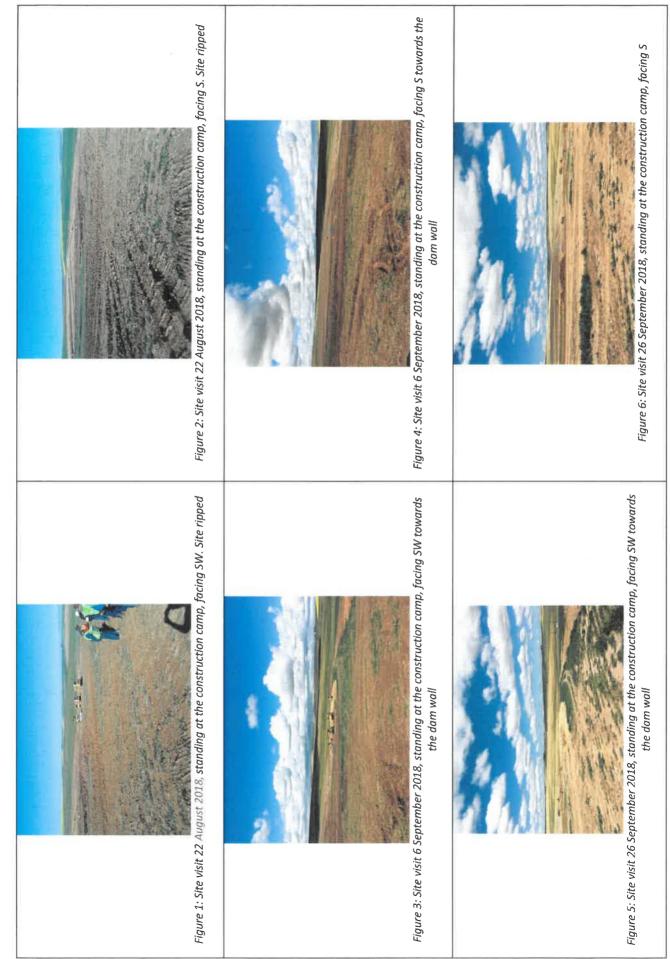


Photo Record Summary

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