



Hartlepool Borough Council

Environmental Inspection Report – 1st Quarter MARAD Contract

November 2008



Prepared for:



Revision Schedule

MARAD Contract Environmental Inspection Report - 1st Quarter November 2008

D115634

Rev	Date	Details	Prepared by	Reviewed by	Approved by
01	November 2008	Final	Adrian Milton Principal Environmental Specialist 	Matthew Smedley Principal Planner 	Neil Stephenson Technical Director 

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1 Introduction

- 1.1 Scott Wilson has been appointed by Hartlepool Borough Council to provide planning and environmental advice with respect to the TERRC (Teesside Environmental Reclamation & Recycling Centre) development and operation.
- 1.2 Under the Section 106 agreement for the development the site operator (Able UK) is required to establish the TERRC Ecological Advisory Group (TEAG) to provide information and advice with respect to ecological issues relating to the project.
- 1.3 Furthermore, paragraph 5.5, of Schedule 2 of s106 agreement states that:

“During the period of dismantling the ships comprised in the MARAD contract the Council may appoint an environmental inspector (or inspectors to a single person full time equivalent) for the purpose of monitoring the ship dismantling. The Developer shall pay the reasonable employment costs of the environmental inspector, afford him daily access to the Site in accordance with arrangements agreed in consultation between the Council and the Developer and supply all such information as he shall reasonably request (including the opportunity to meet with the Environmental Manager), PROVIDED ALWAYS that before being supplied with information that is commercially confidential the auditor shall first have signed an appropriate confidentiality agreement in respect of such confidential information and whilst at TERRC shall comply with the health and safety requirements of the Developer;”

- 1.4 Hartlepool Borough Council has appointed Scott Wilson to fulfil the role of Environmental Inspector for the purpose of monitoring the dismantling of the MARAD ships. The environmental Inspector is independent of Able UK and Hartlepool Borough Council. This is independent role which supplements the formal regulator inspections of, for example the Environment Agency and the Health and Safety Executive. Furthermore, Able UK’s asbestos removal activities are monitored by an independent specialist contractor (Franks Portlock Consulting Limited).
- 1.5 This report is the first quarterly inspection report and provides details of the inspection methodology, observations from inspections completed to date and recommendations for future inspections. It highlights any environmental issues identified or addressed during the course of the first quarter, and any remedial actions or agreements made with to these issues by either Able UK or Hartlepool Borough Council.

2 Inspection Methodology

- 2.1 With the agreement of Hartlepool Borough Council and Able UK the nominated Environmental Inspector has carried-out a number of site visits commensurate with the levels of environmental risks associated with the ongoing works. These visits have included both pre-announced and unannounced visits.
- 2.2 Each visit followed the general programme set-out below:
- general update from MARAD project manager on the progress and status of ship dismantling;
 - review of environmental monitoring reports/data completed by Able UK and their contractors since the last inspection;
 - visual inspection of areas around MARAD ships; and
 - visual inspection of asbestos removal activities on-ship.
- 2.3 During each visit a site inspection proforma was completed and the findings agreed and signed by both the inspector and the MARAD project manager. Completed proformas are attached as Appendix A. It should be noted that amendments to the proforma have been made during the inspection period to ensure it is appropriate for purpose.
- 2.4 Due to confidentiality agreement with the MADAD ship owners no photographic record is generally collected. However, if photographs were required then they could be taken by an Able UK representative and special dispensation sought for their release. This is the only restriction on the inspections, with free and open access available to all areas of the MARAD dismantling operations.
- 2.5 At the time of reporting a total of seven inspection visits have been completed. These were undertaken on:
- Friday 05 Sept 08;
 - Tuesday 09 Sept 08;
 - Wednesday 01 Oct 08;
 - Friday 17 Oct 08;
 - Thursday 06 Nov 08;
 - Friday 14 Nov 08; and
 - Wednesday 26 Nov 08.
- 2.6 Observations made during the visits have been classified using a traffic light system. The following “classes of observation” have been used.

- **GENERAL:** Routine site observation. No corrective action(s) needed;
- **NOTABLE:** Observation with potential environmental impacts; however risks associated with observations are not immediately significant and/or corrective actions can be (and have agreed to be) quickly implemented; and
- **CRITICAL:** Observation has immediate and/or major environmental risks. Urgent/immediate corrective action required, which may affect site operations or cannot be quickly implemented.

2.7 One inspection visit has been undertaken in conjunction with representatives of the Environment Agency to confirm respective responsibilities. Further joint inspections are likely when site activities change and the levels of environmental risk increase.

3 Observations and Corrective Actions

- 3.1 During the reporting period, site activities carried out by Able UK under the MARAD contract have primarily focused on the stripping of asbestos from within ships. All stripped asbestos has been stored on-ship in accordance with the agreed method statements.
- 3.2 The following **GENERAL** observations have been made during the site visits.
- The site is generally tidy.
 - Potentially contaminative materials, notably including oils, are stored in appropriate containment facilities.
 - Environmental monitoring results collected by Franks Portlock Consulting Limited show asbestos containment procedures employed during stripping activities are effective.
 - Asbestos training records, individual worker exposure monitoring, area inspection records and other asbestos strip documentation was found to be in order (HSE inspection of asbestos management procedures have also been carried-out with no apparent problems being identified).
- 3.3 The following **NOTABLE** observations have been made during site visits:
- The oil containment boom around the MARAD ships was weighed-down with accumulated plant and animal biomass and this would have allowed oils, if released, to escape the contained area. (Note: this had also been identified by the Environment Agency).
 - A steel oil containment bund formally used for a temporary generator and associated oil tank was noted to be half full of oily water. This represented a potential source of oil pollution if heavy rains result in the filling and overtopping of the bund.
- 3.4 Both of these issues have been addressed. The boom has been cleaned and accumulated biomass removed such that the boom now floats in an appropriate position to be effective in containing oil spillages. The bund has been drained of oily water and was being removed during the most recent site visit.
- 3.5 No **CRITICAL** observations have been made during the site visits undertaken during the reporting period.

4 Conclusions and Recommendations

Conclusions

- 4.1 No **CRITICAL** environmental issues have been identified during the current reporting period.
- 4.2 Two **NOTABLE** observations have been made and these have both been addressed by site management.
- 4.3 Overall, Scott Wilson is satisfied that during the inspections of the MARAD ships dismantling carried out to date that no activities were identified that either breach the agreed environmental protection measures or that were assessed to have a significant risk of causing significant environmental pollution or damage.

Recommendations

- 4.4 Environmental inspection visits should continue at a frequency commensurate with the levels of environmental risks associated with ongoing dismantling activities. The inspection visits should also continue on a random basis, and include a proportion of both announced and unannounced visits.

Appendix 1 Completed Site Inspection Proformas



DAILY SITE ENVIRONMENTAL DIARY

Project: TEARRC	Date: 050908
To: GW/PB/RT	Time: 1430
	Cc:



Location:	Comments:	Action:
TEARRC/ MARAD	Site meeting + general visit. Full site tour No ACTIVITIES, Issues requiring action noted.	

Inspector Signed:	Environmental Manager Signed:
Print: ADRIAN MILTON	Print:

DAILY SITE ENVIRONMENTAL DIARY


Project: TERRC .	Date: 090908 .
To: GW/PB/RT .	Time: 1230
Cc:	

Location: TERRC . /MARAD	Comments: Inspection & review of asbestos management, RPE, monitoring and exposure files . Query raised re: Calibration Cert for DCU ϕ1. DCU not in use at present .	Action: Able/MARAD to investigate .
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Inspector Signed:  Print: ADRIAN MILTON	Environmental Manager Signed:  Print: PAUL BARCLAY
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DAILY SITE ENVIRONMENTAL DIARY

Project: TERRC		Date: 01 10 08
		Time: 1000
Location:	Comments:	Action:
Site.	<p>General site ok. No Gov. problems or concerns identified.</p> <p>Oil boom enclosing MARAD ships below water level in a small number of areas.</p>	<p>MARAD team to undertake maintenance to ensure boom is floating properly</p>

Inspector
Signed: 
Print: ADRIAN MUNN

Environmental Manager
Signed: 
Print: P. Boer

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TERRC MARAD Ship Inspections

Site Environmental Inspector Observations

TERRC MARAD Environmental Inspections


Document No: D115634\ Environmental inspections\Environmental Daily Site Diary
 Title: TERRC MARAD Ship Inspections.
 Site Inspection Diary
 Revision: 01

Circulation Sheet

	Name (Position)	Comment	Date	Approved (Signature)
Scott Wilson	ADRIAN MILTON	SITE VISIT NO ACTIONS IDENTIFIED	17/10/08	
MARAD Office				
ABLE House				
Hartlepool Borough Council				

DAILY SITE ENVIRONMENTAL DIARY

Project: TERRC		Date: 17 OCT 2008
		Time: 1040.
Location:	Comments:	Action:
SHIPS	ASBESTOS REMOVAL AND PREP WORKS BEING UNDERTAKEN. PREP WORKS. NO OBS	NO ACTIONS REQ ^D .
DOCK.	BOOM MAINTENANCE BEING UNDERTAKEN. (AS REPORTED LAST VISIT).	

Inspector
Signed: 
Print: ADRIAN NIXON

Environmental Manager
Signed: 
Print: P Barch

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TERRC MARAD Ship Inspections

Site Environmental Inspector Observations

TERRC MARAD Environmental Inspections

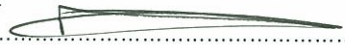
Document No: D115634\ Environmental inspections\Environmental Daily Site Diary
 Title: TERRC MARAD Ship Inspections.
 Site Inspection Diary
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Circulation Sheet

	Name (Position)	Comment	Date	Approved (Signature)
Scott Wilson	ADRIAN MILTON (INSPECTOR)	BOOM MAINTENANCE COMPLETED ASBESTOS BOUNDARY MONITORING RESULTS REVIEWED (ALL OK).	06/11/08.	
MARAD Office				
ABLE House				
Hartlepool Borough Council				

DAILY SITE ENVIRONMENTAL DIARY

Project: TERRC		Date: 06 Nov 08.
		Time: 1300.
Location:	Comments:	Action:
DOCK.	BOOM MAINTENANCE CARRIED OUT. VEGETATION/ETC REMOVED & ADDITIONAL BUOYS ADDED..	<u>NIL</u>
<u>SITE</u>	QUARTERLY (FIRM TIME) COMPASS POINT ASBESTOS SURVEY COMPLETED SINCE LAST VISIT (29/30 OCT08). RESULTS REVIEWED PREVIOUS MONTH RANDOM CHECKS ALSO REVIEWED —	NO ASBESTOS DETECTED AT BOUNDARY. ALL RESULTS LESS THAN 0.01 RELEASABLE FIBRES (F/m) <u>NIL</u>
<u>SITE</u>	NO OTHER COMMENTS.	<u>NIL</u>

Inspector Signed: 
Print: ADAM MILTON

Environmental Manager Signed: 
Print: Paul Barclay

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TERRC MARAD Ship Inspections Site Environmental Inspector Observations

TERRC MARAD Environmental Inspections

Document No: D115634\ Environmental inspections\Environmental
Daily Site Diary
Title: TERRC MARAD Ship Inspections.
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Circulation Sheet

	Name (Position)	Comment	Date	Approved (Signature)
Scott Wilson	ADRIAN MILTON (PRINCIPAL)	VISIT CARRIED OUT WITH EA REPS BUND WATER (OLD GENERT BUND) NEEDS REMOVAL.	14 NOV 08	
MARAD Office				
ABLE House				
Hartlepool Borough Council				

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DAILY SITE ENVIRONMENTAL DIARY

Project: TERRC	Date: 14 NOVEMBER 2008
	Time: 1000 / UNANA

Location:	Comments:	Action:
SITE	SITE VISIT CARRIED OUT WITH REPS FROM ENVIRONMENT AGENCY TO ENSURE COORDINATION ON INSPECTIONS	NIL
SITE	NO MAJOR OBSERVATIONS FORMER STEEL GUNNY BUND 1/2 FULL WITH OILY WATER. BUND REPAIRS AROUND MARAD SHIPS NEAR COMPLETE. SITE TIDY.	REQUIRES EMPTYING.

Inspector
Signed: [Signature]
Print: ADRIAN MILTON

Environmental Manager
Signed: [Signature]
Print: P. Borden


TERRC MARAD Ship Inspections

Site Environmental Inspector Observations

TERRC MARAD Environmental Inspections

Document No: D115634\ Environmental inspections\Environmental
Daily Site Diary
Title: TERRC MARAD Ship Inspections.
Site Inspection Diary
Revision: 01

Circulation Sheet

	Name (Position)	Comment	Date	Approved (Signature)
Scott Wilson	ADRIAN MILTON (INSPECTOR)	NO SIGNIFICANT OBSERVATIONS	26/10/08	
MARAD Office				
ABLE House				
Hartlepool Borough Council				

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DAILY SITE ENVIRONMENTAL DIARY

Project: TERRC	Date: 26 NOVEMBER 2008
	Time: 1100

Location:	Comments:	Action:
SITE	<p>SITE GENERALLY TIDY.</p> <p>OLD CONCRETE BAND DRAINED & REMOVAL IMMINENT. (WORKS Ongoing DURING VISIT).</p> <p>NO SIGNIFICANT OBSERVATIONS</p>	NIL

Inspector
 Signed: ~~.....~~
 Print: DOMAN MITCHELL

Environmental Manager
 Signed:
 Print: