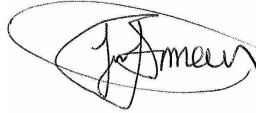



Galliford Try Plc Environmental Management System

Project Environmental Plan

Project Title: Bourne Estate
 Main Contractor: Higgins Construction PLC
 Senior Site Manager: Jack Forman
 Regional Environmental Advisor: Amit Patel
 Location Environment Plan: Foreman's Site Folder

Date of Review: 02/05/2014

Prepared by:	Jack Forman		2/5/14
	<i>Print Name</i>	<i>Signed</i>	<i>Date</i>
Reviewed by:	Amit Patel		2/5/14
	<i>Print Name</i>	<i>Signed</i>	<i>Date</i>
Accepted by:			
	<i>Print Name</i>	<i>Signed</i>	<i>Date</i>

Revision	Date	Details	Originator	Approved by
01	Jun-10	Reviewed for R&A use	ND	AP
02	Dec-10	Reviewed	ND	AP
03	Jun-11	Section 11 Amended and added Appendix 4 (Waste)	ND/SLR	AP
04	Jun-12	R&A Review	ND	SLR
4a	Mar-13	Legislative Updates	SLR	SLR
4b	May-13	Legislative Updates and Waste Estimates	SLR	ND
05	Aug-13 / Nov-13	R&A Review and Legislative Updates	PC	SLR

This plan is to be read in conjunction with the Project Health and Safety Plan

Galliford Try Plc Environmental Management System

CONTENTS

1. INTRODUCTION	3
2. LEGAL AND CONTRACTUAL ENVIRONMENTAL REQUIREMENTS ..	3
3. CONSENTS, PERMITS AND LICENCES	4
4. ENVIRONMENTAL RISKS & MITIGATION	5
5. ROLES AND RESPONSIBILITIES	7
6. ENVIRONMENTAL MANAGEMENT CONTROLS	7
7. EMERGENCY PREPAREDNESS AND RESPONSE	9
8. MONITORING AND MEASUREMENT	11
9. ENVIRONMENTAL OBJECTIVES	11
10. TRAINING, AWARENESS AND COMPETENCE	12
11. SITE WASTE MANAGEMENT PLANS	13
12. AUDITS	13
APPENDIX 1 ENVIRONMENTAL RISK REGISTER	14
APPENDIX 2 ENVIRONMENTAL RISK ACTION PLAN	15
APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES	17
APPENDIX 4 WASTE INFORMATION	22

Galliford Try Plc Environmental Management System

1. INTRODUCTION

This Project Environmental Plan (PEP) has been developed to identify and manage the environmental risks associated with Bourne Estate and is a fundamental requirement of the Galliford Try environmental management system.

The Galliford Try Plc Environment Policy Statement shall be available, as well as Higgins Construction PLC 's Environmental Policy statement, in the Foreman's Site Folder .

This project involves the following key construction activities:

- CFA Piling
- Steel Fixing
- Setting Out
- Muck Clearance

Prior to issue, all environmental documentation on this Project, including this PEP, has been signed by Jack Forman , who is the Senior Site Manager and reviewed by Amit Patel , who is the Regional Environmental Advisor.

2. LEGAL AND CONTRACTUAL ENVIRONMENTAL REQUIREMENTS

Galliford Try maintains access to applicable environmental legal requirements, accessed via the Intranet, which details all environmental legislative applicable to the environmental risks associated with this project and the Company's general activities.

Further support and guidance concerning environmental legislative requirements can be obtained from:

- Amit Patel – Regional Environmental Advisor – 07976 361 119, or
- Paul Thomas – Group Environmental Manager – 01455 222 722

Other Requirements

The main other requirements applicable to this project are:

- Contractual requirements
 - Higgins Construction PLC 's Environmental Policy Statement
- Industry best practice standards regarding environment
 - Environmental Good Practice Guide; C650; CIRIA; 2005
 - Control of water Pollution from Linear Construction Projects – Technical Guidance; C648; CIRIA; 2006

Galliford Try Plc Environmental Management System

3. CONSENTS, PERMITS AND LICENCES

The need for any environmental legislative consents, permits and / or licences and exemptions relating to work associated with Bourne Estate has been identified during the environmental risk assessment process with the following being required to be kept by Rock & Alluvium. All other consents, permits and licences (e.g. water, other waste, nuisance) will be with Bourne Estate .

	Process	Consent / Permit / Licence	Key Regulations	Issuing Authority
Waste	Transfer / disposal of hazardous waste (<i>England & Wales</i>)	Consignment notes	Hazardous Waste Regulations, 2005	EA

Galliford Try Plc Environmental Management System

4. ENVIRONMENTAL RISKS & MITIGATION

The Operations Management Team, in conjunction with the Regional Environmental Advisor, will ensure that the environmental risks are identified, reviewed and updated throughout the duration of this project so as to identify any environmental threats, impacts and opportunities that may arise from activities carried out within the scope of the contract works.

For this Project, the Operations Management Team and the Regional Environmental Advisor have completed this pre-construction environmental risk assessment, which is included on the following Environmental Risk Register, which identifies potential environmental risks caused by site activities and assigns a level of possible risk. The matrix identifies the:

- Construction activity
- Potential environmental aspects
- Associated environmental risk i.e., Not Applicable; Low; Medium; or Significant.

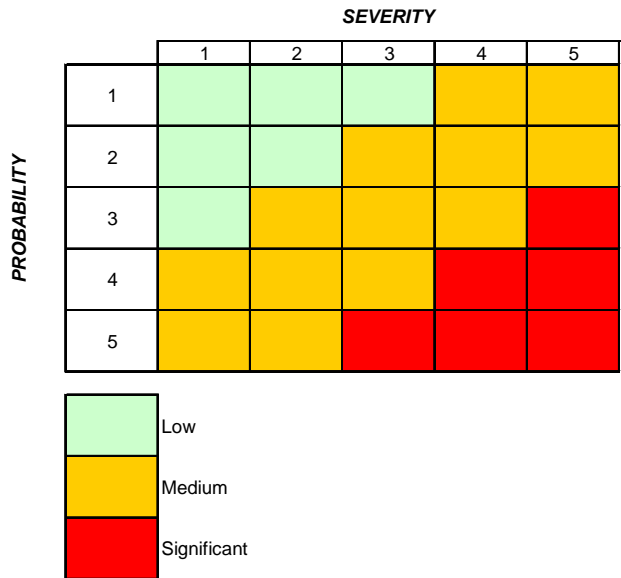
The Galliford Try plc standard relating to the assessment of environmental risk is Galliford Try Standard ([HS&E-STD-E06](#); Environmental Risk Assessment); however, the following extract describes the methodology employed by the Operations Management Team, with assistance from the Regional Environmental Advisor, in assigning risk to the applicable activities carried out within the scope of the contract works.

For each Activity an assessment of the Probability and Severity are assigned against each Environmental Aspect.

Severity		Risk	Probability	
1	Negligible	No harm to the environment	1	Improbable
		No breach of legislation or company standards	2	Unlikely
		No concern to management, staff or local community	3	Occasional Chance
		No significant environmental gains	4	Likely
		No commercial and / or perception benefits	5	Certain to Occur
2	Slight	Minimal harm to the environment		
		Minor breach of legislation or company standards		
		Some concern to management, staff or local community		
		Limited short term environmental gains Limited commercial and / or perception benefits		
3	Moderate	Limited short-term harm to the environment		
		Occasional breach of legislation or company standards		
		Moderate concern to management, staff or local community		
		Moderate and / or medium term environmental gains Moderate commercial and / or perception benefits		
4	High	Immediate long-term severe harm to the environment		
		Repeated breach of legislation or company standards		
		High concern to management, staff or local community		
		Immediate and / or long term environmental gains Substantial commercial and / or perception benefits		
5	Very High	Immediate long-term catastrophic harm to the environment		
		Severe breach of legislation or company standards		
		Major concern to management, staff or local community		
		Immediate and / or long term environmental gains Significant commercial and / or perception benefits		

Galliford Try Plc Environmental Management System

Having assigned a Probability and Severity rating to each an assessment of the overall inherent environmental risk is determined through the use of the following risk matrix.



Once all relevant environmental risks have been assigned and recorded within the Environmental Risk Register (Appendix 1) a corresponding Environmental Risk Action Plan (Appendix 2) is developed that defines the methods of management control (e.g., standards and / or method statements) to be used to effectively manage the identified the “Significant” risks.

For each instance that a “Significant” and / or “Medium” risk is identified in the Environmental Risk Register it is compulsory for an associated method of control to be defined within the Environmental Risk Action Plan. The resultant methods of control are:

IDENTIFIED RISK	RESULTANT ACTION
Significant	Development of an Environmental Risk Action Plan, including Application of Galliford Try plc HS&E standard(s), and / or Development & implementation of site specific method statement(s).
Medium	Development of an Environmental Risk Action Plan, including Application of Galliford Try plc HS&E standard(s), and / or Development & implementation of site specific method statement(s).
Low	No specific management control action(s).

Additionally, where “Significant” and / or “Medium” risks are identified the requirements of the relevant Company HS&E Standard should be adopted to manage that risk.

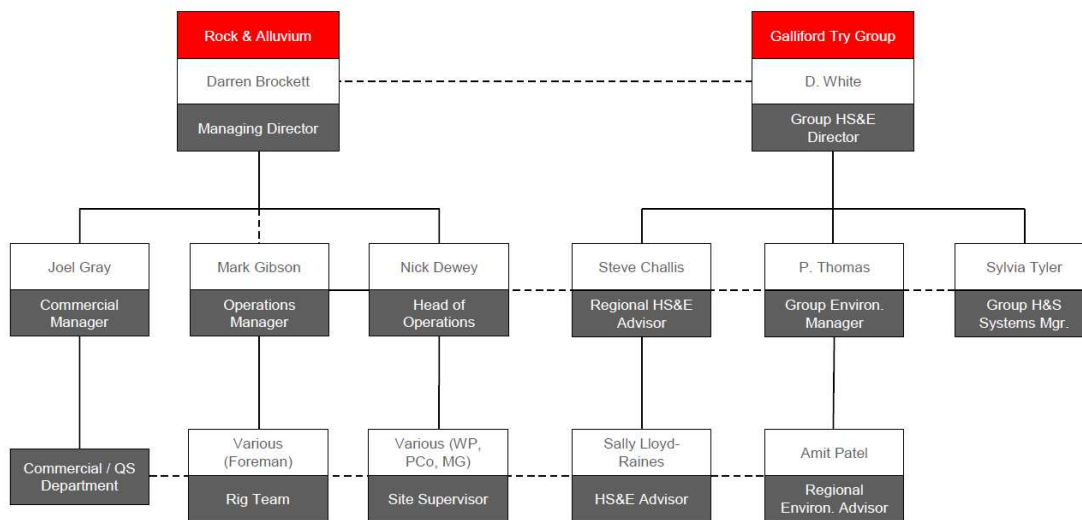
The Operations Management Team shall review on a monthly basis and revise, when necessary, the Environmental Risk Register and Environmental Risk Action Plan (Appendix 1 and 2) throughout the duration of the project to take account of changing circumstances to ensure that suitable and adequate control measures have been implemented.

Galliford Try Plc Environmental Management System

5. ROLES AND RESPONSIBILITIES

Project Organisation

The organisation for this project is shown below:



All Galliford Try plc employees and contractors are responsible for supporting and adherence to Galliford Try environmental standards so as to ensure our conformance to the Galliford Try Plc Environmental Policy. Project roles and responsibilities are defined in Appendix 3.

6. ENVIRONMENTAL MANAGEMENT CONTROLS

The following represent, as identified from the Environmental Risk Assessment process, the environmental Galliford Try standards that should be adopted and implemented on this project.

Reference	Standard Title	To be Used (Y / N)
A01	Accident & Incident Reporting & Investigation	Y
C03	Communication and Consultation	Y
C04	Cultural Heritage Management	N
E03	Ecological Management	N
E04	Emergency Preparedness & Response	Y
E05	Environmental Design Management	Y
E06	Environmental Risk Assessment	Y
H02	Hazardous Materials Incorporating COSHH	Y
H01	Housekeeping & Safe Access	Y
L03	Land Use Management	N
N02	Nuisance Management	N
P04	Project Environmental Management	Y
R04	Resource Management	Y

Galliford Try Plc Environmental Management System

T03	Training, Awareness & Competence	Y
W01	Waste Management	N
W05	Water Management	N

Galliford Try Plc Environmental Management System

7. EMERGENCY PREPAREDNESS AND RESPONSE

The Galliford Try Standard entitled Emergency Preparedness & Response ([HS&E-STD-E04](#)) describes the actions required actions required to plan for the effective management of potential environmental emergency incidents so as to minimise any potential detrimental environmental impacts.

As a result of implementing this Standard, a Spill Response Plan (SRP) ([HS&E-FRM-E04-01](#)) has been developed and made available to all site personnel. Additionally, the Operations Management Team should ensure that this SRP is tested at least once and that site personnel are adequately trained in its requirements.

The Operations Management Team should ensure that environmental emergency equipment (e.g. spill kits) appropriate to the significance of the spill risk and the sensitivity of the surrounding environment are appropriately located and maintained on site.

In the event of a major hazardous material spill incident (i.e., *incidents which cannot be dealt with using equipment available on site or spills / pollution which have, or are likely to, enter(ed) a watercourse / drain*) site personnel should call the following 24-hour national spill response hotline:

Adler & Allan Ltd. (Response Time: Within 4 hours) Membership Number: CM191	0800-592-827
---	---------------------

All environmental incidents **MUST** be initially reported to the Senior Site Manager (who shall report to the Clients, where required) who shall ensure Business Unit Directors, the HS&E Department and enforcement authorities are contacted, as defined below:

Significant Environmental Incidents	Definition:
	Any release to land, water or air resulting in a breach of an environmental regulation.
	A spill of a hazardous material that cannot be controlled or has entered, or could enter, a drain or watercourse.
	Damage to protected flora, fauna or protected habitats and conservation areas
	Receipt of any enforcement action from a regulatory body.
Reporting:	
Shall be notified, by the Senior Site Manager, to the Business Unit Directors and the Regional Environmental Advisor as soon as details are confirmed, but no later than 1 hour after incident occurrence. Following contact with Business Unit Directors and the Regional Environmental Advisor, the Environment Agency or local authority shall be contacted, when necessary, by telephone as soon as practicable, but no later than one (1) hour after incident confirmed (refer to contact details below).	

Galliford Try Plc Environmental Management System

Minor Environmental Incidents	Definition:
	Any emission of dust, odour, noise, vibration and / or light to the external environment such that it results in a complaint from project and / or non-project personnel.
	A spill of a hazardous material that can be controlled or has <u>not</u> entered, and cannot enter, a drain or watercourse.
	Any action that has the potential to cause a negative visual impact e.g., mud on the public highway; poor soil management that could result in poor agricultural or amenity reinstatement standards.
Reporting:	
Shall be reported by the Senior Site Manager to Business Unit Directors and HS&E Advisor within 48 hours via completion of an Environmental Incident Report Form (HS&E-FRM-A01-02).	

Callout personnel for 24-hour coverage shall be arranged by the Operations Management Team to take control of and investigate out of hour's incidents. The names and contact numbers of these personnel, and the Environment Agency's Local Area Office, shall be displayed on site and related to site personnel during the induction process.

The Senior Site Manager will, when necessary, report incidents to the Environment Agency (EA) via:	
1. EA Local Area Office	08708 505 506
2. EA 24-hour Emergency Hotline	0800 80 70 60

In the event that project personnel identify a suspected cultural heritage asset (e.g., archaeological artefact) all construction related works in the immediate vicinity shall be stopped. Thereafter, the find should be reported to the Senior Site Manager and the HS&E Advisor who shall take all necessary and appropriate action(s), as defined in Galliford Try Standard ([HS&E-STD-C04](#); Cultural Heritage Management).

Furthermore, in the event that project personnel identify suspected rare or invasive plant species and / or rare fauna (e.g., Great Crested Newts, Water Voles, Bats, Barn Owls, Badgers and breeding Birds) all construction related works in the immediate vicinity shall be stopped. Thereafter, the find should be reported to the Senior Site Manager and the HS&E Advisor who shall take all necessary and appropriate action(s), as defined in Galliford Try Standard ([HS&E-STD-E03](#); Ecological Management).

Galliford Try Plc Environmental Management System

8. MONITORING AND MEASUREMENT

Continuous monitoring of environmental performance is via regular site HS&E inspections, which establishes employees' and contractors' compliance within the requirements of the EMS, this PEP and the Client and statutory obligations.

HS&E inspections are conducted by the HS&E Advisor with any findings being copied to the Senior Site Manager who shall ensure that appropriate corrective and remedial action(s) are taken in a timely manner. Environmental information from HS&E inspections is collated by the HS&E Department and analysed for any arising trends. From this analysis, preventative action is taken to prevent recurrence – re-briefings, toolbox talks, etc.

The Operations Management Team in conjunction with the HS&E Advisor compiles a monthly HS&E performance report ([HS&E-FRM-M02-01](#)) and submits it to Steve Challis, Regional Health, Safety and Environmental Manager.

The Operations Management Team, with the assistance of the HS&E Advisor, will issue Environmental Site Notices on relevant topics e.g., pollution prevention, waste, noise and vibration, which shall be displayed in prominent locations.

The Operations Management Team, with the assistance of the Regional Environmental Advisor, will ensure that any method statements containing environmental management controls and this PEP are prepared, regularly reviewed and updated as required.

9. ENVIRONMENTAL OBJECTIVES

The Operations Management Team, with the assistance of the HS&E Advisor, has considered the identified project environmental risks (Appendix 1) and defined the following environmentally related objectives and targets.

No.	Objective	Target	Responsibility	Completion Date
1	Environmental Toolbox Talk	1 every month (4 weeks)	Rig Supervisor	Every Month
2	Water Pollution	No Water Pollution NCR's	Rig Supervisor	Per Job
3				

The Operations Management Team shall ensure that progress is periodically reviewed as part of the monthly Site HS&E Review meetings.

Galliford Try Plc Environmental Management System

10. TRAINING, AWARENESS AND COMPETENCE

Courses are run by Galliford Try covering various environmental issues, as defined in the Galliford Try HS&E Training Matrix.

For site personnel, the site induction will be used to promote overall environmental awareness as well as employee and contractor environment management responsibilities. This site induction will be further enhanced through a series of toolbox talks that shall be delivered to relevant site personnel on an on-going basis. The environmental toolbox talks that can be delivered on this project are as follows:

Environmental Tool Box Talk(s)			
TBT 001	Archaeology	TBT 017	Storage and Use of Petrol, Diesel & Oils
TBT 004	Be a Good Neighbour	TBT 018	Storage of Waste
TBT 005	Bentonite	TBT 020	Washing Down Plant & Machinery
TBT 006	Dust and Air Quality	TBT 021	Waste Management – Reduce / Reuse / Recycle
TBT 009	Housekeeping	TBT 022	Water Pollution – Cement & Concrete
TBT 012	Noise and Vibration	TBT 023	Water Pollution – Silt
TBT 013	Pumping and Overpumping	TBT 024	Water Pollution Prevention – Fuel & Oil
TBT 014	Segregation of Waste	TBT 026	Working on Previously Developed Land
TBT 015	Spill Control		

Attendance at inductions and internal environmental training courses will be recorded ([HS&E-FRM-T03-01](#) and [HS&E-FRM-T03-02](#)) and the records retained by the Operations Management Team via the Human Resources department.

At the start of the Project, the Operations Management Team will review the environmental training requirements of site staff and operatives and ensure any additional training required to address identified deficiencies is arranged.

Employees are deemed to be environmentally competent once they have fulfilled the environmental training requirements defined within the HS&E training matrix and attended the site HS&E induction. Subcontractor personnel are deemed to be environmentally competent once they have attended the site HS&E induction and they hold a Construction Skills Certification Scheme (CSCS) card.

Letter drops or similar will be carried out to potentially affected third parties informing them of any work that may impact upon them. Additionally, consultations are held with interested parties (i.e., regulatory authorities and members of the public), where letter drops are deemed ineffective. Furthermore, any complaints received will be dealt with in accordance with [HS&E-STD-C03](#) (Communications and Consultation).

Galliford Try Plc Environmental Management System

11. SITE WASTE MANAGEMENT PLANS

Rock & Alluvium to be included in the Clients / Principal Contractors SWMP (Higgins Construction PLC).

12. AUDITS

Project audits against Galliford Try plc environmental standards, the requirements of ISO 14001 and relevant legislative and other commitments are periodically carried out by the Regional Environmental Advisor. Any non-compliance identified shall be issued to the Operations Management Team who shall ensure that timely corrective and preventative action(s) are implemented.

Audit trends across different Business Units shall be analysed periodically by the Regional Environmental Advisor so that trends may be identified and thereafter addressed to prevent any reoccurrence.

Galliford Try Plc Environmental Management System

APPENDIX 1 ENVIRONMENTAL RISK REGISTER: Bourne Estate

Reviewed On: 02/05/2014

Date Prepared / Revised:		8/9/10	21/3/11	12/6/12	Regional Environmental Advisor: Amit Patel													
Activity		Reviewed: This is reviewed per job																
Ref	DESCRIPTION	Applicable?	NUISANCE						DISCHARGES & EMISSIONS				LAND & RESOURCES			GENERAL		
			Noise	Odour	Dust	Traffic	Visual Impact	Vibration / Light	Surface Water	Ground Water	Solid Waste(s)	Liquid Waste(s)	Cultural Heritage	Land Use Management	Materials, Energy & Water Conservation	Ecological Management	Environmental Incident	Other
Significant Risk		S																
Medium Risk		M																
Low Risk		L																
Not Applicable to Project		N/A																
Reset Selection																		
			Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	Notes	N/A
1	Abstraction of Water	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Boring and Bored Tunnelling	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Brick / Blockwork	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Building Refurbishment	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Concrete Batching	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	Concrete Pours & Washout	Y	L	N/A	L	STD-N02	L	L	STD-W05	STD-W05	STD-W01	STD-W01	L	L	L	L	STD-E04	N/A
7	Crushing, Screening & Material Reuse	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	Demolition Works	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9	Dewatering / Overpumping	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Dredging	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Earthworks	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Excavation	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	Exposed Structural Element Repair	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	Grouting	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Internal Fit-out	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	M&E Work	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Microtunnelling	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	Office Maintenance	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	Permanent Office Set-Up & Operation	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Piling	Y	L	N/A	L	L	L	L	STD-W05	STD-W05	STD-W01	L	L	STD-L03	L	L	STD-E04	N/A
21	Plant & Vehicle Maintenance	Y	L	N/A	N/A	N/A	N/A	N/A	STD-W05	STD-W05	STD-W01	STD-W01	N/A	L	L	L	STD-E04	N/A
22	Procurement of Materials & Services	Y	N/A	N/A	N/A	STD-N02	L	N/A	L	L	L	L	N/A	L	STD-R02	L	L	N/A
23	Roadworks	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24	Site Access / Egress	Y	L	N/A	L	L	L	L	L	L	N/A	N/A	L	L	N/A	L	L	N/A
25	Site Clearance	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Site Drainage	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Site Office Set-Up & Operation	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Steelwork Erection	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Storage / Use of Hazardous Materials	Y	N/A	L	N/A	L	L	N/A	STD-W05	STD-W05	STD-W01	STD-W01	N/A	L	L	L	STD-E04	N/A
30	Temporary Works	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	Transportation - materials / wastes	Y	L	L	STD-N02	STD-N02	L	L	L	L	L	L	L	N/A	L	L	L	N/A
32	Use of Plant & Vehicles	Y	STD-N02	L	L	L	L	L	L	STD-W05	L	STD-W01	L	L	L	L	L	N/A
33	Use of sub-Contractors	Y	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	N/A
34	Vegetation Clearance	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Washdown Activities	Y	L	N/A	L	N/A	L	L	STD-W05	STD-W05	L	STD-W01	L	L	L	L	STD-E04	N/A
36	Working in Tidal Waters	N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
37	Working in, near or over Water	Y	L	N/A	L	N/A	L	L	STD-W05	STD-W05	STD-W01	STD-W01	L	L	L	STD-E03	STD-E04	N/A
38	Working with Groundwater	Y	L	N/A	L	L	L	L	L	STD-W05	L	STD-W01	N/A	L	L	L	STD-E04	N/A
39																		
40																		

Galliford Try Plc Environmental Management System

APPENDIX 2 ENVIRONMENTAL RISK ACTION PLAN: Bourne Estate

	Activity	Aspect	Potential Environmental Impact?	Cons Stage	Risk Reduction Control(s) to be Used	MS?	Who?	Date	Comments
1	Concrete Pours & Washout	Traffic	Increased traffic flows that could negatively impact upon travelling members of the public.	Pre-Const ruction	Source ready mix deliveries from a local supplier. PC to inform R&A of any site restrictions so deliveries can be scheduled to avoid sensitive areas and avoid periods of high congestion.	N			
2	Concrete Pours & Washout	Ground Water	Potential for concrete washout waste waters to contaminate groundwaters & aquifers.	Const ruction	PC to develop and implement designated concrete washout area(s). Concrete wash out areas to be in line with the requirements of the GT Water Management Standard (HS&E-STD-W05). Locate away from watercourses and trees.	N			
3	Concrete Pours & Washout	Solid Waste(s)	Disposal of waste and hardened concrete material from washout practices	Const ruction	PC should consider the reuse of hardened concrete material on-site in locations that pose no environmental risk i.e., away from watercourses and areas of high water table.	N			
4	Concrete Pours & Washout	Liquid Waste(s)	Disposal of liquid hazardous concrete waste waters in the event that washout facilities are inappropriately sized and constructed.	Const ruction	PC to ensure that the concrete washout facilities are sized to ensure evaporation of liquid wash waters. Alternatively, PC to dispose of off-site as a hazardous waste stream. Use registered waste carriers. Ensure disposal points are licensed / exempt. PC to complete and file waste transfer documentation.	N			
5	Concrete Pours & Washout	Environ mental Incident	Emergency response provisions required to address the unplanned discharge of concrete washout waste waters to the external environment.	Const ruction	Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence.	N			
6	Concrete Pours & Washout	Surface Water	Potential for concrete washout waste waters to contaminate surface waters leading to direct ecological impact.	Const ruction	PC to develop and implement designated concrete washout area(s). Concrete wash out areas to be in line with the requirements of the GT Water Management Standard (HS&E-STD-W05). Locate away from watercourses and trees.	N			
7	Piling	Surface Water	Piling works are close to a surface water body and run-off from arisings could pollute surface waters.	Const ruction	PC to consider reuse uncontaminated piling arisings on-site in locations that pose no environmental risk i.e., away from watercourses. PC to store contaminated piling arisings on impermeable liners and away from watercourses / drains.	N			
8	Piling	Ground Water	Piling could generate a pathway to the contamination of groundwaters / aquifers.	Desig n	PC to conduct / review geotechnical and hydrogeological reports to determine the risk of contaminating groundwaters / aquifers. R&A to ensure that piling design assures minimal contamination risk.	Y	e	s	
9	Piling	Solid Waste(s)	Generation of waste piling arisings that require on or off-site disposal.	Const ruction	PC to consider reuse uncontaminated piling arisings on-site in locations that pose no environmental risk i.e., away from watercourses and areas of high water table. PC to store contaminated piling arisings on impermeable liners and away from watercourses / drains.	N			
10	Piling	Land Use Manage ment	Piling in contaminated land could generate a pathway to the contamination of groundwaters / aquifers.	Desig n	PC to conduct / review geotechnical and hydrogeological reports to determine the risk of contaminating groundwaters / aquifers. R&A to ensure that piling design assures minimal contamination risk.	Y	e	s	
11	Piling	Environ mental Incident	Equipment failure during piling operations could leave an open pathway for the contamination of groundwaters / aquifers.	Const ruction	Following review of geotechnical and hydrological reports if piles are to be installed into a sensitive aquifer with overlying mobile contamination a warning to the rig operator is to be included in site documentation. The foreman will therefore be fully aware of the potential risk upon mechanical breakdown and act promptly to mitigate any effect on the aquifer.	N			Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence.
12	Plant & Veh. Main tenance	Surface Water	Potential contamination of surface waters through spillages to drains and surface waters.	Const ruction	Ensure all plant and vehicle maintenance works are conducted at least 10m away from drains and / or watercourses.	N			
13	Plant & Veh. Main tenance	Ground Water	Potential contamination of groundwaters through spillages to land.	Const ruction	Ensure that plant nappies / drip trays are used to prevent localised soil contamination.	N			
14	Plant & Vehicle Maintenance	Solid Waste(s)	Generation of solid wastes as a result of the servicing and repair of plant and materials.	Const ruction	Ensure that wastes are segregated (i.e., hazardous & non-hazardous). Storage areas are labelled and secure. Use registered waste carriers. Ensure disposal points are licensed / exempt. Complete and file waste transfer documentation. Provide TBTs to site staff on waste. Waste to be returned to plant yard where necessary	N			
15	Plant & Vehicle Maintenance	Liquid Waste(s)	Generation of liquid wastes as a result of the servicing and repair of plant and materials.	Const ruction	Use registered waste carriers. Ensure disposal points are licensed / exempt. Complete and file waste transfer documentation. Wastes to be returned to plant yard where necessary.	N			
16	Plant & Vehicle Maintenance	Environ mental Incident	Potential contamination of watercourses; land; and groundwaters as a result of hazardous material spillages.	Const ruction	Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence. Develop and implement the GT Spill Response Plan (HS&E-FRM-E04-01).	N			
17	Procurement of Mater. & Services	Material, Energy & Water Conserv.	Use of energy, water and raw materials leading to a depletion of natural resources.	Pre-Const ruct	PFA and slag to be used within piles where possible. Optimise the piling design / diameter to minimise the amount of raw materials to be used.	N			
18	Procurement of Materials & Services	Traffic	Increased traffic flows that could negatively impact upon travelling members of the public.	Pre-Const ruction	Source ready mix deliveries from a local supplier and schedule deliveries to avoid sensitive areas and avoid periods of high congestion.	N			
19	Storage / Use of Hazardous Materials	Surface Water	Spillages of hazardous materials could impact local watercourses.	Const ruction	Design & implement fuel storage area(s) to prevent chronic and acute spills contaminating the local environment. Develop & implement the GT Spill Response Plan (HS&E-FRM-E04-01).	N			
20	Storage / Use of Hazardous Materials	Ground Water	Spillages of hazardous materials could impact groundwaters.	Const ruction	Design & implement fuel storage area(s) to prevent chronic and acute spills contaminating the local environment. Develop & implement the GT Spill Response Plan (HS&E-FRM-E04-01).	N			
21	Storage / Use of	Solid Waste(s)	Solid and potentially hazardous wastes to be generated as a	Const ruction	Ensure that wastes are segregated (i.e., hazardous & non-hazardous). Storage areas are labelled and secure. Use	N			

Galliford Try Plc Environmental Management System

	Hazardous Materials		result of spill clean-up operations. Contribution to reduction of UK landfill capacity.	n	registered waste carriers. Ensure disposal points are licensed / exempt. Complete and file waste transfer documentation. Provide TBTs to site staff on waste. Waste to be returned to plant yard where necessary.			
22	Storage / Use Hazardous Mater	Liquid Waste(s)	Liquid and hazardous wastes to be generated as a result of spill clean-up operations.	Const ructio n	Ensure all hazardous liquid wastes are put into sealable containers and transported back to the R&A Yard.	N o		
23	Storage / Use of Hazardous Materials	Environ mental Incident	Any unplanned discharge that could cause a pollution incident or damage ecological resources.	Const ructio n	Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence. Develop and implement the GT Spill Response Plan (HS&E-FRM-E04-01).	N o		
24	Transport - materials / wastes	Dust	Dust nuisance from haul roads as a result of the transport of materials and wastes.	Pre-Const ruct.	Dust control measures to be implemented by PC, site supervision to monitor potential nuisance. Liaison with all affected parties via the PC.	N o		
25	Transport - materials / wastes	Traffic	Increased traffic flows that could negatively impact upon travelling members of the public.	Pre-Const ruct.	PC to inform R&A of any site restrictions so deliveries can be scheduled to avoid sensitive areas and avoid periods of high congestion.	N o		
26	Use of Plant & Vehicles	Noise	Noise from use of plant / vehicles could cause a negative impact upon local neighbours and local fauna.	Const ructio n	Ensure plant and vehicles are well maintained and conduct daily and weekly plant inspections, as defined in HS&E-STD-P01.	N o		
27	Use of Plant & Vehicles	Ground Water	Spillages of hazardous materials could impact groundwaters.	Const ructio n	Ensure plant and vehicles are well maintained and conduct daily and weekly plant inspections, as defined in HS&E-STD-P01.	N o		
28	Use of Plant & Vehicles	Liquid Waste(s)	Liquid and hazardous wastes to be generated as a result of spill clean-up operations.	Const ructio n	Ensure plant and vehicles are well maintained and conduct daily and weekly plant inspections, as defined in HS&E-STD-P01.	N o		
29	Washdown Activities	Surface Water	Potential for vehicle / plant waste waters to contaminate watercourses.	Const ructio n	Plant and equipment to be returned to the plant yard to be washed down. Develop and implement designated vehicle / plant washdown area(s) in line with the requirements of the GT Water Management Standard (HS&E-STD-W05). Locate at least 10m away from watercourses; drains; and trees.	Y e s		
30	Washdown Activities	Ground Water	Potential for vehicle / plant waste waters to contaminate groundwaters.	Const ructio n	Plant and equipment to be returned to the plant yard to be washed down. Develop and implement designated vehicle / plant washdown area(s) in line with the requirements of the GT Water Management Standard (HS&E-STD-W05). Locate at least 10m away from watercourses; drains; and trees.	Y e s		
31	Washdown Activities	Liquid Waste(s)	Silty waters / detergent containing waters req. disposal.	Const ruct.	Ensure liquid wastes are disposed legally i.e., ensure the client's washdown facilities are used.	Y .		
32	Washdown Activities	Environ mental Incident	Any unplanned event that results in the pollution of a watercourse of a complaint from non-project personnel.	Const ructio n	Develop & implement the GT Spill Response Plan (HS&E-FRM-E04-01). Provide TBTs to all staff involved in washdown activities.	Y e s		Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence. Develop and implement the GT Spill Response Plan (HS&E-FRM-E04-01).
33	Working in, near or over Water	Surface Water	Potential pollution of watercourses through spills; piling arisings; washout and washdown activities.	Const ructio n	Verify that the PC has obtained a Flood Defence Consent, if piling is to take place within 8m of a watercourse. Ensure piling arisings and washout / washdown effluents are not discharged to local watercourses.	Y e s		
34	Working in, near or over Water	Ground Water	Potential pollution of groundwaters and hence surface waters through spills; piling arisings; washout and washdown activities.	Const ructio n	PC to ensure piling arisings and washout / washdown effluents are not discharged to groundwaters / aquifers.	Y e s		
35	Working in, near or over Water	Solid Waste(s)	Solid and potentially hazardous wastes to be generated as a result of piling operations. Contribution to reduction of UK landfill capacity.	Const ructio n	Ensure that wastes are segregated (i.e., hazardous & non-hazardous). Storage areas are labelled and secure. Use registered waste carriers. Ensure disposal points are licensed / exempt. Complete and file waste transfer documentation. Provide TBTs to site staff on waste. Waste to be returned to plant yard where necessary.	Y e s		
36	Working in, near or over Water	Liquid Waste(s)	Potential pollution of watercourses through spills; piling arisings; washout and washdown activities.	Const ructio n	Ensure liquid wastes are disposed legally i.e., ensure the client's washdown facilities are used.	Y e s		
37	Working in, near or over Water	Ecologic al Management	Potential disturbance / damage to ecological resources.	Const ructio n	PC to ensuring both solid and liquid wastes are well managed and do not enter drains / watercourses / groundwaters will prevent any adverse ecological impacts. Ensure staff are provided with relevant ecological TBTs and their delivery is recorded. PC to cap off drains and services before R&A start piling on site.	Y e s		
38	Working in, near or over Water	Environ mental Incident	Any unplanned discharge that could cause a pollution incident or damage ecological resources.	Const ructio n	Develop & implement the GT Spill Response Plan (HS&E-FRM-E04-01). Provide TBTs to all staff involved in washdown activities.	Y e s		Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence. Develop and implement the GT Spill Response Plan (HS&E-FRM-E04-01).
39	Working with Groundwater	Ground Water	Piling could generate a pathway to the contamination of groundwaters / aquifers.	Desig n	PC to conduct / review geotechnical and hydrogeological reports to determine the risk of contaminating groundwaters / aquifers. R&A to ensure that piling design assures minimal contamination risk.	Y e s		
40	Working with Groundwater	Liquid Waste(s)	Potential pollution of groundwaters and hence surface waters through spills and liquid piling arisings.	Const ructio n	PC to ensure any liquid piling arisings are contained and do not cause a pollution risk to surface waters / drains.	Y e s		
41	Working with Groundwater	Environ mental Incident	Any unplanned discharge that could cause a pollution incident or damage ecological resources.	Const ructio n	Develop & implement the GT Spill Response Plan (HS&E-FRM-E04-01). Provide TBTs to all staff.	Y e s		Complete an Environmental Incident Report Form (HS&E-FRM-A01-02) and notify HS&E Department. Thereafter, implement corrective and remedial actions to prevent any recurrence. Develop and implement the GT Spill Response Plan (HS&E-FRM-E04-01).

Galliford Try Plc Environmental Management System

APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES

The Senior Site Manager is responsible for:

Jack Forman	01372 389333
Be aware of the environmental statutory requirements affecting operations and seek further advice, if necessary	
Ensure that all site environmental permissions are obtained and conformance the conditions defined within these permissions	
Define project specific environmental objectives / targets – <i>refer to Section 9 of this document</i>	
Ensure that environmental risk assessments are effectively monitored, reviewed and communicated	
Organise and plan workplaces so that work is carried out in accordance with the Galliford Try Environmental Standards with minimum risk to the natural environment or neighbours	
Identify the environmental requirements within method statements, and ensure that they are produced and reviewed on time. Identify method statements' required distribution (e.g. foremen, supervisors, operatives, and customer) and ensure that they are followed and controlled as appropriate	
Ensure adequate supplies of environmental control equipment (e.g., spill response equipment) are available and are appropriately used	
Accompany all EA Inspectors and Enforcing Officers on their visits to sites / workplace.	
Ensure all new employees, contractors and visitors, including delivery drivers, are instructed on the relevant sections of Galliford Try's Environmental Policy and project specific environmental requirements	
Ensure site specific environmental training needs are identified and training programmes are effectively undertaken for all levels of site staff and contractors and that all Supervisors are aware of their environmental responsibilities	
Ensure that contractors are made aware of their responsibilities for environmental matters on the project.	
Immediately report any significant environmental incidents, disciplinary action or enforcing bodies' visits to the HS&E Department	
Make full use of HS&E Department services and ensure that all reasonable recommendations are actioned	
Bring to the attention of the Business Unit Manager and HS&E Advisor any environmental improvement required or problems being encountered	
Promote at all levels Galliford Try's commitment to effective environmental management.	

Galliford Try Plc Environmental Management System

APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES

The Regional HS&E Advisor is responsible for:

Steve Challis	01455 222 777
Liaise with Business Unit Managers on operational environmental issues	
Assist project management through advice, information, training and encouragement as appropriate to ensure that projects continually meet Galliford Try's environmental standards	
Ensure the collation of environmental performance information, as provided by workplace management	
Where working practices are observed that pose a significant environmental risk, ensure that, where possible, the activity is stopped; inform site and Business Unit management immediately; provide appropriate support, advice and assistance in identifying and implementing the necessary remedial actions.	
Ensure that the relevant manager is advised if operations are not achieving Galliford Try's environmental standards, and further advise the Operations Director, Business Unit Managing Director and Group HS&E Director, as appropriate	
Assist Business Units in the environmental performance management of contractors	
Ensure that significant environmental incidents are reported promptly to the Business Unit Directors, Group Health, Safety & Environment Director and the EA , as appropriate	
Investigate all environmental incidents as required by Galliford Try's Environmental Standards and make known and discuss any significant findings / recommendations within the Business, as appropriate	
In conjunction with the operational staff, identify areas / operations that require specific environmental improvement and assist in the organising or undertaking of such improvements, as appropriate	
Provide feedback to the Group Environmental Manager on the effectiveness of the Group's environmental management systems and any improvements necessary	
Assist HS&E Director and Group Environmental Manager in maintaining high corporate environmental management standards across the Group	

Galliford Try Plc Environmental Management System

APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES

The Regional Environmental Advisor is responsible for:

Amit Patel	01455 222 777
Where working practices are observed that pose a significant environmental risk, ensure that, where possible, the activity is stopped; inform site and Business Unit management immediately; provide appropriate support, advice and assistance in identifying and implementing the necessary remedial actions	
Provide specialist environmental input to operational staff through advice, guidance and support e.g., on environmental legislation and industry best environmental practice	
Provide detailed support / guidance in the planning stages of a new project e.g., review the adequacy of environmental risk assessments	
Liaise with Business Unit Managers on operational environmental issues	
Provide information in the form of instructions, Best Practice Guidance, Codes of Practice, Environmental Information Sheets etc., as appropriate, and ensure operational staff are provided with Group communications on effective environmental working practices and alerts	
Provide suitable environmental information to the Business Unit in the form of staff briefings, annual update forums, workshops, presentations etc and support and participate in any Company environmental induction programmes, as appropriate	
Assist operational staff in the review of environmentally high-risk contractors' method statements, provide appropriate assistance in assessing other environmentally related method statements, and monitor the implementation of the same in the workplace, as appropriate	
Ensure that the relevant manager is advised if operations are not achieving Galliford Try's environmental standards, and further advise the Operations Director, Business Unit Managing Director and Group HS&E Director, as appropriate	
Assist project management through advice, information, training and encouragement as appropriate to ensure that projects continually meet Galliford Try's environmental standards	
Promote involvement in environmental management of all operational staff by discussion, briefings, training sessions and effective communication	
Assist in the investigation of all environmental incidents as required by Galliford Try's Environmental Standards and make known and discuss any significant findings / recommendations	
Ensure that significant environmental incidents are reported promptly to the Business Unit Directors, Group HS&E Director and the EA, as appropriate	
Ensure communication with the EA and other enforcing bodies regarding all relevant environmental inspections and incidents	
Conduct audits to ensure compliance against legislative and Group environmental management system standards	
In conjunction with the operational staff, identify areas / operations that require specific environmental improvement and assist in the organising or undertaking of such improvements, as appropriate	
Provide feedback to the Group Environmental Manager on the effectiveness of the Group's environmental management systems and any improvements necessary	

Galliford Try Plc Environmental Management System

APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES

The HS&E Advisor is responsible for:

Sally Lloyd-Raines	07918 640152
Where working practices are observed that pose a significant environmental risk, ensure that, where possible, the activity is stopped; inform site and Business Unit management immediately; provide appropriate support, advice and assistance in identifying and implementing the necessary remedial actions	
Liaise with Business Unit Managers on operational environmental issues	
Provide detailed support / guidance in the planning stages of a new project e.g., preparing the project environmental plans	
Provide information in the form of instructions, Best Practice Guidance, Codes of Practice, Environmental Information Sheets etc., as appropriate, and ensure operational staff are provided with Group communications on effective environmental working practices and alerts	
Collate environmental information, as provided by workplace management, for monthly reports.	
Assist operational staff in the review of environmentally high risk contractors' method statements, provide appropriate assistance in assessing other environmentally related method statements, and monitor the implementation of the same in the workplace, as appropriate	
Ensure that the relevant manager is advised if operations are not achieving Galliford Try's environmental standards, and further advise the Operations Director, Business Unit Managing Director and Group HS&E Director, as appropriate	
Assist project management through advice, information, training and encouragement as appropriate to ensure that projects continually meet Galliford Try's environmental standards	
Promote involvement in environmental management of all operational staff by discussion, briefings, training sessions and effective communication	
Ensure induction instructions are reviewed regularly for relevance to current operations, and ensure that they are being effectively communicated.	
Ensure that all staff, including office based personnel, receives appropriate environmental training and instruction.	
Monitor the Business Units to ensure that all staff, including office based personnel, receive appropriate environmental training and instructions.	
Assist Business Units in the environmental performance management of contractors.	
Ensure that significant environmental incidents are reported promptly to the Business Unit Directors, Group HS&E Director and the EA, as appropriate	
Assist in the investigation of all environmental incidents as required by Galliford Try's Environmental Standards and make known and discuss any significant findings / recommendations	
Ensure communication with the EA and other enforcing bodies regarding all relevant environmental inspections and incidents	
Carry out environmental inspections at all workplaces on a regular basis, as appropriate, to ensure compliance with the Galliford Try Environmental Policy and Standards	
In conjunction with the operational staff, identify areas / operations that require specific environmental improvement and assist in the organising or undertaking of such improvements, as appropriate	
Provide feedback to the Group Environmental Manager on the effectiveness of the Group's environmental management systems and any improvements necessary	

Galliford Try Plc Environmental Management System

APPENDIX 3 PROJECT ROLES AND RESPONSIBILITIES

All employees are responsible for implementation of the relevant parts of the Environmental Policy and Environmental Standards and will:

- Be conversant with the relevant requirements identified in the Galliford Try Environmental Policy
- Demonstrate commitment to the implementation of the Environmental Policy and abide by any environmental rules and instructions given during any location specific induction
- Demonstrate commitment to the implementation of Group Environmental Standards
- Co-operate with the Company in fulfilling its environmental legal obligations and to avoid instances of pollution and environmental nuisance
- Follow environmentally responsible methods and systems of work established for the site which may be set out in method statements, risk assessments, site rules, or otherwise
- Set a personal example by using environmental control equipment (e.g., spill response equipment), when and where appropriate
- Work in an environmentally responsible manner at all times, take appropriate action where potential environmentally damaging working practices or significant environmental risks are observed and report these to the relevant manager
- Actively participate in the management of environmental issues by reporting all environmental incidents
- Where appropriate, participate in environmental committees or other formal environmental consultation procedures
- Refrain from working if they think their work activities will contribute to a significant impact to the natural environment or neighbours and inform the relevant manager of their concerns
- Co-operate with the Company to achieve continual environmental performance improvement.

These commitments should be communicated to employees (and contractors) during the site induction process.

APPENDIX 4 WASTE INFORMATION

HSE-FRM-W01-01: Legislative Checks

Environmental Permits / Licences / Exemptions / Registrations required for site work. Hazardous Waste Premises Notification No. (England & Wales only)				IITU827
Type of Permitted / Licensed / Exempt / Activity	Activity on Site Requiring a Permit / Licence / Exemption	Details of Permit / Licence / Exemption	Quantity of Waste	Expiry Date (dd/mm/yyyy) (if applicable)
Environmental Permit	REGISTERED SITE	LICENCE NUMBER NTU 827	OVER 2 TON PER YEAR	31/3/2014
Environmental Permit	WASTE CARRIERS LICENCE	LICENCE NUMBER TSE/389836 CB/DN5714GF	OVER 10 TON	18/4/2015
Environmental Permit Exemption	CRUSHING OF FILTERS AND AEROSOLS	LICENCE FOR T14/T15 EPR/KH0113JHA0001	1 TON EST	6/5/2015

Waste Carriers / Brokers / Waste Management Facilities														
Waste Stream	EWC	Business Unit or Subcontractor	Waste Carrier				Waste Broker (If applicable)				Waste Management Facility			
			Name	Registration No.	Expiry Date (dd/mm/yyyy)	Date checked with EA / SEPA / MCA	Name	Registration No.	Expiry Date (dd/mm/yyyy)	Date checked with EA / SEPA / MCA	Name	Type of Site	Permit / WML / Exempt No.	Copy of Permit / Licence / Exemption obtained?
Oil-lubricating	13-02-05	48	J VANT	CB/WM33820A	3/12/2014	23/11/2012					oca-oil, jetty road, kinaragth industrial	Material Recycling Facility	EAML/19396 LP3737LH	YES
Battery(Car)-lead acid	16-06-01	48	oca-oil	CB/SE5696PL	10/1/2015	23/11/2012					oca-oil, jetty road, kinaragth industrial	Material Recycling Facility	EAML/19396 LP3737LH	YES
Spill kit (used) pads, rags etc	15-02-02	48	oca-oil	CB/SE5696PL	10/1/2015	23/11/2012					oca-oil, jetty road, kinaragth industrial	Material Recycling Facility	EAML/19396 LP3737LH	YES
Oil filters	16-01-07	48	oca-oil	CB/SE5696PL	10/1/2015	23/11/2012					oca-oil, jetty road, kinaragth industrial	Material Recycling Facility	EAML/19396 LP3737LH	YES
Metal - mixed	17-04-07	48	bonfloortscrap	CB/WE5037DL	26/2/2014	23/11/2012					bonfloortscrap cold unit	Material Recycling Facility	EAWML71088	YES
Construction and demolition wastes - Mixed (uncontaminated)	17-09-04	48	manu waste management ltd	CB/MNS974JT	4/2/2016	23/5/2013					16 krunel road manu waste management the old bur	Material Recycling Facility	EPR/HP3098VH	YES
Interceptor Sludge - uncontaminated	13-05-03	48	rijno andron	CB/UP3714JUT	1/4/2016	23/5/2013					man gase company ltd sraney farm, beesdor	Material Recycling Facility	FP3332MF / JP38215U	YES
														NO

HSE-FRM-W01-02: Waste Estimates

Waste / Material	Activity	EWC	Waste / Material Category	Waste / Material Management Options	Quantity (Tonnes)	Transfer Station / MRF / EFW Recycle Rates		
						Rate	Recycled	Landfill
Spill kit (used) pads, socks etc		15-02-02	H	Permit / WML Exempt Site	1.20			
Construction and demolition wastes - Mixed (uncontaminated)		17-09-04	NH	Transfer Station / MRF / EFW	41.00	90%	36.9	4.1
Interceptor Sludge - uncontaminated		13-05-03	NH	Permit / WML Exempt Site	7.00	100%		