

EMP - Environmental Management Plans

Pre-decision

Decision

Post-decision & Operation

EIA

EIS

EMP

EMS

START
EARLY

DRAFT

FINALISE

AMEND

EMP Preparation

Keys to Preparation

- Begin planning for the EMP from project inception
- Mitigation identified through the EIA should be specific, achievable and easily understandable
- A draft EMP should be included within the EIS

Who are the key parties?

- Project proponent (i.e. a private company or government body)
- Proponent's consultants
- Regulators (consenting authority and statutory consultees)
- Local community
- Environmental stakeholders

Determine EMP Structure:

- Produce a framework, including:
- Project roles & responsibilities
 - Identification of project consents and permissions
 - A register of site specific environmental actions

Effective EMP Content

- Identify appropriate actions for inclusion in the EMP, including:
- Site specific actions to mitigate significant adverse impacts
 - Regulatory requirements
 - Opportunities for enhancement
 - Environmental monitoring

EMP Implementation

Keys to Implementation

- Commitment from project proponent
- Build the EMP into the contract documentation
- Empower ownership of EMP amongst principal contractor and site workers

Who are the key parties?

- Project proponent
- Principle contractor
- Environmental manager (with overall responsibility for the EMP)
- Environmental clerk of works
- Construction operators/workers
- Regulators & Stakeholders

On-site EMP training:

- Toolbox talks
- Site inductions
- Training packs
- Method statements
- Protected species flash cards

Managing EMP changes

- Know the main cause of change:
1. Identification of new on-site environmental sensitivity
 2. Change to development design
- Handle change via effective on-site communication and by using environmental specialists

iema

The premier membership body for environmental professionals



Poster content based on:
Practitioner Vol 12 (IEMA, 2008)

Author: Josh Fothergill, IEMA, UK
Email: j.fothergill@iema.net
Tel: +44 (0)1522 540 069

Value of EMP to business

Although EMPs are not a statutory requirement in the UK they can still be seen to add value to a business in the following ways:

- 1) Demonstrating conformance and legislative compliance
- 2) Avoid delays by delivering agreed mitigation measures
- 3) Clear identification of management and contractual responsibilities
- 4) Enhanced environmental reputation via communication and community engagement
- 5) Potential cost savings through improved environmental management

EMP - a view from UK practice

Volker Stevin Ltd, a civil engineering and building contractor, undertakes flood risk management projects for the Environment Agency in England and Wales. Through this work, Volker Stevin is contractually required to implement EMPs for Agency projects and, on back of this, has taken the opportunity to 'raise the bar' across its business.

The company has evidence that this approach has contributed to the winning of significant contracts elsewhere, including a sizeable contract with Glasgow City Council for flood risk management works.