

SWAN RIVER TRUST

Pollution Response Plan

**Swan River Trust
Report No. 10
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FOREWORD

The Swan and Canning Rivers have been protected from major environmental damage from petrol and oil spillage because of the dedication and professionalism of the Swan River Trust pollution response team and previously the staff of the Swan River Management Authority. In nearly every situation no contaminated material has reached the river from road spillage. In other cases of large fires, or incidents on the river, the impact from contaminated material has been minimised by the efforts of these people and I congratulate them on their performance.

The Swan and Canning rivers are set within the Perth metropolitan area and are surrounded by a network of major roads and highways. Every day hundreds of truck loads of petrol, oil and other chemicals are transported on these roads with the constant risk of accidents and spillage. As most of the drainage is connected to the river, rapid action is vital in the event of a spillage, to prevent the river from being contaminated.

While the State has the Western Australian Hazardous Materials Emergency Management Scheme (WAHMEMS), the Trust must have a plan setting out the internal organisation of its resources and operations. The pollution plan that has been in place for many years has been reviewed and modernised to manage today's hazards and to link into the State plans for emergency response.

This Pollution Response Plan will be used by the Trust when it has to respond to incidents where there is a risk of the rivers becoming contaminated as a result of a spillage of polluting material. I commend the plan to you in the interests of protecting the very precious rivers that flow through our capital city.



RON DAVIES
CHAIRMAN

CONTENTS

Foreword	i
Contents	ii
Definitions	iv
1.0 INTRODUCTION	1
1.1 Aim	2
1.2 Objectives	3
2.0 EMERGENCY RESPONSE TEAM	4
3.0 POLLUTION RESPONSE - PROCEDURES	6
3.1 Initiation	7
3.2 Threat Assessment:	7
3.2.1 No Threat	8
3.2.2 Minimal Threat	8
3.2.3 Significant Threat	8
3.3 Operational Considerations	9
3.4 Debriefing	10
3.5 Incident Reporting	10
3.6 Cost Control	11
4.0 DUTIES AND RESPONSIBILITIES	12
4.1 Director Investigations and Assessments	13
4.2 Operations Officer	13
4.3 On-Scene Co-ordinator	14
4.3.1 By Pager	14
4.3.2 Ex Operations Officer	14
4.4 Field Team	15
4.4.1 Alert	15
4.4.2 Mobilised	15
4.4.3 Duties	16
4.5 Receptionist	16

5.0	GENERAL NOTES	17
5.1	Personal Conduct	18
5.2	Safety	18
5.3	Incident Evaluation	19
5.4	Equipment Maintenance	19
5.5	Equipment Audits	20
5.6	Training	20

6.0	EQUIPMENT LISTS	22
6.1	Pollution Response trailer	23
6.2	Inspectors, Works Supervisor's vehicle	24
6.3	Duty Officer's vehicle	24
6.4	Office Vehicle Response Pack	24

APPENDIX 1 CONTACT LISTS

APPENDIX 2 LOG SHEETS

APPENDIX 3 ACTION FLOW CHARTS

Definitions

Combat Area	That area, within the Control Area in relation to fire, leak or spillage involving hazardous materials, defined by the Combat Authority.
Combat Authority	Means the authority responsible for the combat of the fire, leak or spillage involving hazardous materials within the combat area.
Command Post	Means a selected location at or near the incident site which each participating organisation establishes and from which it commands its own resources. The Swan River Trust Field Command Post is usually where the Response Trailer is located. The Main Command Post is usually Head Office.
Control Area	That area including the Combat Area, which is restricted to authorised persons and vehicles only, and defined by the Control Authority in consultation with the Combat Authority and Specialist Advisers.
Control Authority	Means the authority responsible for control of all emergencies involving hazardous materials.
Controller	Means the Senior Police Officer on-site responsible for the control of the operation.
Duty Officer	Is the person carrying the pager in accordance with the roster, responds to incident calls and is on-scene co-ordinator after hours.
Emergency Operations Centre (EOC)	Means the facility at a selected location at or near the incident site from which the controller exercises control over the operation.
Emergency Response Team (ERT)	The Swan River Trust operations staff that respond to an incident, includes Operations Officer, Duty Officer and/or On-scene Co-ordinator. Telephone Receptionist and Field Team.
Field Team	Swan River Trust staff involved in the field operation, based on the Works Crew.

Operations Officer	Is responsible for overall management of a pollution incident; usually an Environmental Officer and operates from Head Office as a Command Post.
On-scene Co-ordinator	Is responsible for managing both Human and Physical resources at a pollution incident; is officer in charge of the field comand post and control area.
Pollution Response Plan (PRP)	Is the plan that sets out the procedures and resources available to enable the Swan River Trust to respond to pollution incidents.
Pollution Response Trailer	Is a trailer licenced to be towed by motor vehicle, which contains operational and safety equipment for responding to pollution incidents.
W.A.H.M.E.M.S.	Western Australian Hazardous Materials Emergency Management Scheme - the scheme for co-ordinating the response to all emergencies involving hazardous materials within the state of Western Australia.

Agencies

AWMA	Albany Waterways Management Authority
CALM	Conservation and Land Management
DMH	Department of Marine and Harbours
EPA	Environmental Protection Authority
FPA	Fremantle Port Authority
LIMA	Leschenault Inlet Management Authority
MRD	Main Roads Department
PIMA	Peel Inlet Management Authority
SRT	Swan River Trust
WAFM	Western Australian Fire Brigade
WAWA	Water Authority of Western Australia

1.0

Introduction

1.0 INTRODUCTION

The Swan River Trust has responsibility for controlling pollution of the waterways within the Swan River Trust Management Area.

This responsibility is provided for by the Swan River Trust Act and is delegated to the Swan River Trust under the Pollution of Waters by Oil and Noxious Substances Act and the Environmental Protection Act.

The Pollution Plan is for dealing with pollution incidents that are a potential or actual threat to the Swan and Canning Rivers environment.

This Plan can only be activated for the following purposes:

- . Containment and recovery of oils and non-hazardous petroleum products.
- . Containment of petrols under supervision of Police and WA Fire Brigade.
- . Providing environmental advice on containment and recovery of hazardous chemicals.

For the purposes of implementing this plan, the Swan River Trust has an Emergency Response Team (ERT). To be successful the ERT must seek and receive the cooperation of other Authorities ie Police, WA Fire Brigade, Environmental Protection Authority (EPA), Department of Conservation and Land Management (CALM), Water Authority of Western Australia (WAWA), Department of Marine and Harbours (DMH), Fremantle Port Authority (FPA), as well as the general public.

The Trust neither has the responsibility, nor is it trained to handle hazardous chemical incidents other than those mentioned in this Plan. Should it be necessary, the equipment and resources of the SRT will be made available to assist in any emergency involving hazardous substances. The SRT is a support Authority in the Western Australian Hazardous Materials Emergency Management Scheme (WAHMES).

1.1 Aim

The aim of the Pollution Response Plan is to detail procedures to deal with incidents that are polluting or threatening to pollute the Swan and Canning Rivers.

1.2 Objectives

The objectives of the plan are:

- . To set out the role, responsibilities and procedures for the Swan River Trust in dealing with pollution emergencies.
- . To provide a basis for co-operation and co-ordination of resources to deal with pollution emergencies.
- . To expedite the recovery of the community from the effects of such an emergency.
- . To ensure that pollution of the environment is avoided or minimised.

2.0

Emergency Response Team

2.0 EMERGENCY RESPONSE TEAM (ERT)

The ERT is made up from available staff at the Swan River Trust.

DIRECTOR, INVESTIGATIONS AND ASSESSMENTS - has overall responsibility for managing the Trust's pollution response capability.

SENIOR INSPECTOR - responsible to Director, EI&A for maintenance of Trailer and its equipment, on call duty roster and training.

OPERATIONS OFFICER - is responsible to the Director, EI&A for the implementation of procedures to deal with reported incidents/emergencies. This is an environmental officer where available, refer Appendix 1.

DUTY OFFICER/ON-SCENE CO-ORDINATOR - is immediately responsible to the Operations Officer to initiate procedures where a call is received by pager, and in all incidents to manage both human and physical resources to effectively deal with pollution emergencies. Duty Officer is the person carrying the pager in accordance with the roster. The On-scene Co-ordinator may be chosen from available officers where the duty officer is unavailable during normal working hours.

FIELD STAFF - provide manpower resources to deal with any emergency.

SWITCHBOARD OPERATOR - to receive all pollution emergency calls made through the normal telephone channels during office hours and alert operation staff immediately.

3.0

**Pollution Response -
Operational Procedures**

3.0 POLLUTION RESPONSE - OPERATIONAL PROCEDURES

The following procedures are to be adopted once advice has been received of a pollution emergency.

3.1 Initiation

A pollution incident will normally be reported to the SRT by either telephone 4810121 (normal office hours) or by Pager 016 982027 (generally after hours) from any of the following:

- . Police Communications
- . Fire Brigade
- . Government Departments, e.g. WAWA, EPA, CALM, DMH, FPA etc
- . General Public

NORMAL OFFICE HOURS (Telephone: 4810121)

When a call is received by the Receptionist, on telephone **4810121** during **normal office hours**, the call is to be *treated with priority and immediately* transferred to a senior staff member, according to the Operations Officer Priority Listing, (refer Appendix 1) who then automatically becomes the Operations Officer for that incident.

The Operations Officer is responsible to initiate emergency procedures on the basis of the information received. (Refer 4.2 for Duties & Responsibilities).

AFTER HOURS (Pager 016 982027)

The rostered Duty Officer on receiving advice on an incident will be responsible to implement emergency procedures, ie gather details, advise Operations Officer, Field Team, etc. (Refer 4.2 for duties and responsibilities)

3.2 Threat Assessment

On receipt of advice of an incident, either the Operations Officer, (when call received through switchboard) or the Duty Officer, (when call received by Pager) must make an initial assessment of the call based on the information received. Each incident will be categorised in one of the following categories:

3.2.1 No Threat

After all available information is gathered, the Operations Officer or Duty Officer will declare a "no threat" incident. This must be recorded on the Log Sheet.

An incident in this category will be one that by nature of either the product, location or other factors it is anticipated not to cause any adverse effects to the environment.

While it is anticipated that no immediate response may be necessary, an Inspector will be requested to investigate the incident as soon as possible.

That Inspector is to submit a report to the Director, EI&A on findings.

3.2.2 Minimal Threat

Where a reported incident either has the potential to pollute or poses a threat not considered to be serious, the Operations Officer or the Duty Officer, will declare a "minimal threat". Once declared, that assessment must be confirmed by the On-Scene Co-ordinator on arrival at the incident. This, where possible, will be done in conjunction with an Environmental Officer.

Considerations to be given by Operations Officer/Duty Officer when declaring a Minimal Threat:

- Duty Officer/Inspector Proceed to incident.
- Becomes an "On-Scene Co-ordinator" if action needed.
- Put Field Team on alert.
- Mobilise Field Team, if required.
- Staff to depot to hitch equipment trailer.
- Mobilise Equipment Pack with radio equipped vehicle.
- Establish communications.

3.2.3 Significant Threat

The Operations Officer relays incident details to Duty Officer/Inspector who becomes the On-Scene Co-ordinator.

- Becomes an "on-scene co-ordinator"
- Staff at depot to hitch pollution response trailer
- Mobilise Equipment pack with radio equipped vehicle
- Field Team is mobilised
- Establish communications
- Duty Officer/Inspector Proceed to incident.

3.3 Operational Considerations

All personnel reporting to the incident are to report immediately to Police/Fire Control Authority or Emergency Operations Centre if established, or the Officer in Charge Police or Fire Brigade, as appropriate.

The On-Scene Co-ordinator is responsible for developing a plan to deal with pollution, ie to contain the spread and/or clean up, etc in liaison with the senior Police, Fire Brigade, EPA, CALM and other Officers in attendance.

Where the Police or Fire Brigade are not in attendance the On-Scene Co-ordinator is in overall charge of the pollution incident until Police/Fire Control unit is established. On arrival of the Police, Fire Brigade Officers, a liaison should be established as soon as practicable.

Where the incident involves the clean up of petroleum products in the river, the SRT is the responsible body and appoints the On-scene Co-ordinator. For all other hazardous materials, DMH is the responsible body and assumes control when at the scene.

- On-Scene Co-ordinator supervises the Field Team and ensures that actions taken are complimentary to the overall plan to deal with the incident.
- All SRT personnel are under the direction of the On-Scene Co-ordinator while at the scene irrespective of normal seniority.

The On-scene Co-ordinator remains in charge of SRT resources at the scene for the duration of the operation unless formally relieved, eg at the end of shift, etc.

All subsequent movements of SRT staff in and out of the incident area must be reported to the Control Authority and On-scene Co-ordinator.

If the situation involves a non-hazardous substance deploy containment equipment then carry out recovery and disposal.

If dispersants are required refer to Operations Officer for authority. Note it is EPA Policy that dispersants should not be used in the river.

- Recover Spill and facilitate removal to an approved site.
- Collect samples for analysis.
- Carry out inspection and Clean-up of surrounding area.

Decision to terminate the operation is made by On-Scene Coordinator in consultation with Officer In Charge Control Authority, Operations Officer, WAWA, EPA and Health Department as appropriate.

On-Scene Co-ordinator to log all directives and action during or on completion of operation on Response Sheet.

Submit response sheet and report to Director, Investigations and Assessment.

IF SITUATION INVOLVES A *HAZARDOUS* CHEMICAL

- Notify the Operations Officer that a hazardous chemical is involved.
- Advice may be given on containment but no SRT personnel are to take part in the physical removal of hazardous chemicals, or to enter the "combat area".
- SRT officers are to provide advice, as appropriate, or provide general assistance/equipment, as requested.

3.4 Debriefing

Following a pollution emergency, all personnel involved should attend a debriefing convened by the Operations Officer as soon as possible after the event.

Agenda

- Review threat to river and assess the impact of the incident on the environment.
- Review: Operational difficulties
 Communications
 Health & safety issues
 Equipment performance
- Then review Pollution Response Plan

3.5 Incident Reporting

Following debriefing the Operations Officer should forward the following reports to the Director, Investigations and Assessments:

- Response Sheets, Time Sheets,
- On-Scene Co-ordinator's report,
- Operations Officer's report, and
- Debriefing report.

Reports should be brief and factual detailing

- incident facts,
- environmental threat and impact,
- deployment and recovery details,
- time frames,
- staff deployment,
- injury report,
- logistical problems,
- materials and equipment consumed or damaged,
- operational costs if known.

3.6 Cost Control

Where possible, the Trust will recover its incident response costs from the person, persons or company responsible for causing the incident. Where oil spills occur in waters relevant to the Pollution of Waters by Oil Act, DMH or FPA only can initiate action. In other situations, the Environmental Protection Act may be the means of initiating cost recovery action.

4.0

Duties And Responsibilities

4.0 DUTIES AND RESPONSIBILITIES

The Duties and Responsibilities of Officers of the SRT while dealing with emergency situations are as follows:

4.1 The Director Of Investigations And Assessments

The Director of Investigations and Assessments has the overall responsibility for managing the Trust's pollution response capability, including planning and training.

Is responsible to advise the Executive Director, the Chairman and the Minister where pollution emergencies are initiated and to provide progress reports as appropriate.

Is responsible to issue Press Releases as soon as possible after an emergency has been reported and to issue subsequent "news releases" as appropriate.

Is responsible to review emergency procedures, from time to time, eg after an incident and to make amendments as seen necessary.

4.2 Operations Officer

The Operations Officer, regardless of normal seniority, is responsible to the Director I & A for the implementation of emergency procedures to effectively deal with any pollution emergency.

The responsibilities/functions of the Operations Officer are as follows:

1. Gather and record all initial information on the incident.
2. Make an initial assessment of risk, ie No Risk, Minimal or Significant.
3. Advise the Duty Officer/On Scene Co-ordinator of incident together with your initial assessment and request his attendance. Establish a communications link with field staff.
4. Mobilise SRT resources to deal with the emergency.
5. Advise all other Authorities of emergency, as appropriate, ie

Police Communications
WA Fire Brigade
EPA
DMH
WAWA, CALM, FPA

and inform whether or not services are required.

6. Establish communications links with Director EI&A and keep informed of plans, developments, etc

7. Arrange supply and delivery of Materials, Hire Equipment, etc
8. Keep an accurate time log of all developments, actions, plans, messages, mishaps, etc together with the names of officers concerned, involved, etc.
9. Inform the Director I & A, Executive Director and the Minister, if the Executive Director is unavailable.
10. Provide operational/administrative support to field staff:
 - technical information
 - weather information
 - waste disposal.
11. Submit a written report to Director, Investigations and Assessments as soon as possible after the completion of the incident.

4.3 On-Scene Co-Ordinator

There are two ways a pollution emergency call can be received by an Officer, either direct by pager or from the Operations Officer.

4.3.1 By Pager

When a call is received by pager the Duty Officer will assume the responsibilities of the On-Scene Co-ordinator. All details including time, product and any special instructions to be recorded on response sheet.

An initial assessment of incident to be made and contact the Operations Officer as per priority listing.

4.3.2 Ex Operations Officer

During office hours, the On-scene Co-ordinator will be determined by the Operations Officer. It may not be the Duty Officer if another officer is closer to hand.

When a call is received via the Operations Officer, make a note of all details including the initial assessment and on advice proceed to incident.

FOR ALL INCIDENTS

- (a)
- Maintain a log of names, times, actions, incidents, accidents and the like for the duration of the incident.
 - Mobilise field team as appropriate.
 - Mobilise emergency trailer/equipment.
 - Proceed to incident and report to "Control Authority" or Senior Police Officer in attendance.
 - On arrival confirm **PRIORITY** classification of incident.
 - Liaise with Police, EPA, WAFB and other Officers as appropriate to determine plan of action.
 - Establish and maintain communications with Operations Officer. Advise of priority classification, type and amount of product spilt, affected and endangered areas, plus, if required, any assistance needed.
 - Maintain the posting until the end of the incident until formally relieved or duration of incident requires shift changes.
 - Establish plan of action and direct the field team operations.
- (b) If no "Control Authority" is at the spill site, the On-scene Co-ordinator will take control and direct overall containment and clean-up procedures.

4.4 Field Team

4.4.1 Alert

When Field Team members are alerted the following actions are necessary:

- Remain near phone or within radio contact for instructions.
- If at home, proceed to Depot or scene if requested.
- Prepare Trailer and Radio Controlled Vehicles for turn out to incident.

4.4.2 Mobilised

When Field Team members are mobilised:

- If home proceed to Depot or scene as directed.
- Prepare Trailer and Radio Controlled Vehicles - preparation for responding.
- Respond to incident when team is available and equipment is ready.

4.4.3 Duties

The field team is responsible directly to the On-Scene Co-ordinator to:

Carry out any duties associated with a pollution emergency including:

- transfer response vehicles to incident
- set up booms
- isolate source
- lay absorbent mats etc.
- remove waste matters
- other actions as directed by On-Scene Co-Ordinator.

4.5 Receptionist

- On advice of a pollution incident, fill in Response Sheet details. Try to get as much detail on the incident then transfer call immediately to an Operations Officer. This should be done as a matter of priority even if a meeting has to be interrupted.
- Pass on Response Sheet to Operations Officer as soon as possible.
- Should any other information be forthcoming pass on to the Operations Officer.

5.0

General Notes

5.0 GENERAL NOTES

5.1 Personal Conduct

- All personnel at the scene are to follow the direction of the On-scene Co-ordinator.
- Ensure you are appropriately dressed and equipped with safety equipment.
- Avoid entering water unless it is absolutely necessary to do so.
- Do not enter drains until you know the depth of water, flow speed and type of contamination.
- Do not enter water or polluted areas without Protective clothing
 - Waders
 - Gloves
 - Protective suit, etc.
- If it is necessary to place boom across a drain deploy staff to both sides using culverts, etc., rather than everybody arriving at the same side if possible (obviously this cannot always be planned).
- If the operation continues for a long period of time the On-scene Co-ordinator should ensure that staff are rostered into shifts so that meals and rest periods can be taken.

5.2 Safety

- **DO NOT** enter an area if a hazard to health or a dangerous situation is suspected.
- **DO NOT** enter water if you do not know what contaminants may be in it.
- If you need to enter an area to assess safety wear, protective clothing and respirator.
- If there is a known safety hazard **DO NOT** enter the area, seek instructions from the Fire Brigade Control Unit - If there is no Fire Brigade call **323 9333**, or Police presence, call **222 1111**.
- When handling so called non hazardous materials like petroleum products (oil) wear protective clothing including gloves.
- Avoid getting any pollutant material on your skin.
- Wash contaminants from skin as soon as practicable.
- If you are asked to perform any task you feel is unsafe - it is your responsibility to refuse.

- You should then discuss and decide with the On-Scene Co-ordinator the best way to carry out the task safely.
- The On-scene Co-ordinator is responsible for the field team's safety.
- Report any injuries to the On-scene Co-ordinator and see a doctor as soon as practicable.

5.3 Incident Evaluation

These steps should follow all pollution response operations.

- Field Team - Return equipment to depot,
- Field Team - Clean-up and if necessary repair equipment,
- Senior Inspector - Stock take and report replacement items (mats, batteries, damaged or contaminated clothing, etc.),
- All Personnel and On-scene Co-ordinator - Report injuries and any occupational health and safety matters (needs to be done accurately and immediately following an incident),
- On-scene Co-ordinator - Document any matters raised by Field Team and details of the operation,
- Operations Officer - Report and response sheets to be submitted to Director, Investigations and Assessment,
- Operations Officer - Debriefing meeting held with all staff involved and subsequently with other involved agencies.
- Senior Inspector - Replacement items to be ordered as soon as practicable.

5.4 Equipment Maintenance

All pollution response equipment is to be kept in a clean and "in service" condition in the Pollution Response Trailer.

Consumable items (maps, mats, clothing) are to be replaced as soon as practicable and equipment repaired immediately following a pollution response operation.

At no time is the equipment to be removed from the trailer or used for any purpose other than

- cleaning and maintenance,
- auditing,
- training sessions, and

- pollution response operations.

THE TRAILER IS TO BE KEPT IN A STATE OF READINESS AND ACCESSIBLE FOR DEPLOYMENT AT ALL TIMES.

This means that it must be located in a shed at the depot so that a vehicle can be reversed in, trailer hitched and towed away immediately by one person.

It is unacceptable for an operator to have to move other equipment or items from trailer access or have to seek assistance to deploy the trailer.

Field crew and staff can commandeer any other equipment at the SRT Depot not part of the pollution response trailer for use in an operation as necessary (eg, chainsaws, tractor, etc).

5.5 Equipment Audits

Audits on the state of readiness of the pollution response trailer will be conducted in the following manner.

Audits will identify missing or unserviceable equipment and safety gear, insufficient stocks of consumable items and the trailer not parked in an accessible place.

- following response operation - Senior Inspector
- 3 monthly - Senior Inspector
- twice yearly - Director, Investigations and Assessments
- Safety equipment - Monthly - Safety Officer.

Audit will be completed on the form provided, signed by Officer auditing and returned to Director, Investigations and Assessments.

5.6 Training

A training schedule will be established with the following components.

Essential

All Operational & support staff to attend SRT training sessions and exercises. Such courses to be structured to ensure that all attendees receive instruction on their duties and responsibilities in an emergency.

All operations staff must have attended at DMH an Oil Spill Recovery course.

Program Components

SRT Full briefing on the SRT Pollution Response Plan

DMH Oil Spill Recovery Course - Operations staff at least once with refreshers as required

SRT Oil Spill Recovery Training sessions - Deployment of boom equipment

SRT Pollution Response Drill - full action plan involves all personnel and will be initiated by an "incident call"

Safety Talks and Workshops.

6.0

Equipment Lists

6.0 EQUIPMENT

Pollution Response Plan equipment is deployed as follows.

6.1 Pollution Response Trailer

Safety and Personal gear

- 8 pr Waders assorted sizes
- 3 Safety Helmets white
- 8 pr Disposable Overalls assorted sizes
- 8 Safety Goggles
- 10 pr Elbow length Safety Gloves black and red
- 4 PVC Safety Suits various sizes
- PVC Safety Vest yellow and day glow red
- 9 pr Wet Weather Jackets and Pants

Operational Gear

- 2 Oil Boom 7.5 metre lengths complete with joiners
- 7 Oil Boom 15.0 metre lengths complete with joiners
- 5 pack Oil Absorbent Mats (50 Mats per pack)
- 1 ctn Oil Absorbent Poly Mops (ctn)
- 2 Rakes Nail Head
- 2 Shovels short handles round mouth
- 1 Grapple Hook
- 3 Danger Keep Clear Signs
- 3 Smoking Prohibited Signs
- 1 First Aid Kit
- 6 Buckets Plastic 9 litre
- 1 Knife Multi Purpose Clasp
- 1 Tomahawk (Hatchet Axe)
- 2 Axes (4 lb)
- 1 Bow Saw
- 11 Witches Hats (red)
- 1 coil Rope 8mm Poly 200 metre coil
- 1 Sledge Hammer
- 10 Star Pickets
- 1 3 metre (10ft) Dinghy
- 1 6 HP Evinrude O/B Motor and Fuel Tank
- 2 Oars
- 2 Rowlocks
- 1 Boltcutter 450mm
- Torches Hand 3 cell Intrinsically Safe
- 1 Intrinsically Safe Lantern
- 1 Chisel Pointed Pick
- 2 200 Ltr Drums

6.2 Inspectors And Works Supervisor's Vehicles

2 way Radio
Intrinsically safe torch
Sample bottles

6.3 Duty Officer's Vehicle

- 1 Intrinsically Safe Lantern
- 1 Intrinsically Safe Hand Torch
- 1 Radio Pager 87910500 NEC
- 1 Motorola Mobile Phone
- 1 Authorisation To Use Vehicle Sign
- 1 Emergency Procedures Contact List
- 1 Incident Sampling Kit

6.4 Office Vehicle And Response Pack

2 way radio
intrinsically safe torch
sample bottles

Appendix 1

SWAN RIVER TRUST
POLLUTION RESPONSE PLAN
CONTACT LIST

Duty Officer

SRT - PAGER NO. 016 98 2027 CAR PHONE NO. 018 91 1608

NAME	WORK	A/HOURS	RADIO CALL No 6VR WHISKY
<i>DIRECTOR, INVESTIGATIONS AND ASSESSMENT - SRT</i>			
ROBERT ATKINS	327 9777	295 2954	12
<i>PRIORITY LISTS - OPERATIONS OFFICERS SRT</i>			
<i>* Senior Environmental Officer</i>			
VERITY KLEMM	327 9777	321 4743	14
<i>* Environmental Officer</i>			
WASELE HOSJA	327 9777	332 1235	6
<i>* Pollution Control Inspector</i>			
STEPHEN WONG	327 9777 Pager: 324 4688 Quote: 22048	310 3139	23
<i>*Senior Environmental Officer</i>			
IAN PARKER	327 9777	339 7809	15
DAVID DEELEY	327 9777	339 1455	22
<i>DIRECTOR, DEVELOPMENT & MANAGEMENT PLANNING</i>			
COLIN CHALMERS	327 9777	389 8839	19

SWAN RIVER TRUST
POLLUTION RESPONSE PLAN
CONTACT LIST

Duty Officer
SRT - PAGER NO. 016 98 2027 CAR PHONE NO. 018 91 1608

NAME	WORK	A/HOURS	RADIO CALL No <i>6VR WHISKY</i>
<i>Inspectors</i>			
V. FITZSIMMONS Snr. Inspector	327 9777 Pager: 483 6999 Quote: 605267	275 1526	4
B. O'BRIEN Inspector	327 9777 Pager: 324 4688 Quote: 22052	337 8509	2
<i>Field Team</i>			
D. FARDIG Works Supervisor	470 1888	279 6752	17
B. BOYDELL	470 1888	367 7771	5
I. STORK	470 1888	279 7743	8
N. CHAPMAN	470 1888	276 4226	13
V. SMITH	470 1888	453 9391	7

SWAN RIVER TRUST

POLLUTION RESPONSE PLAN

EMERGENCY CONTACTS AND PHONE NUMBERS

Duty Officer
SRT - PAGER NO. 016 98 2027 CAR PHONE NO. 018 91 1608

NAME	POSITION	GROUP	WORK	A/HOURS	RADIO CALL No 6VR WHISKY
N. ROBINS	Chairman	WWC	327 9777	457 1214	
R. DAVIES	Chairman	SRT	327 9700	458 8905	
B. HAMILTON	Ex Director	WWC	327 9700 Mobile: 018955908	293 3197	11
C. CHALMERS	Director, DAMP	WWC	327 9700	389 8839	19
W. TILL	Director, EC&M	WWC	327 9700 Mobile: 018955909	275 1526	9
G. PARSONS	Technical Officer	WWC	327 9700	362 1419	3
G. DAVIS	Env Officer	WWC	327 9700	319 1612	20
B. JOHNSON	Engineer	WWC	327 9700	385 2098	21

WATER AUTHORITY OF W.A.

SERVICE CENTRE	328 6922
Ian THORNTON - Industrial Waste Section	420 2469
After hours on call officer - Mobile Phone	018 923 284
PERTH - NORTH	300 7111
PERTH - SOUTH	431 8111

ENVIRONMENTAL PROTECTION AUTHORITY

OFFICE HOURS	PERTH	222 7000
	KWINANA	419 5500
AFTER HOURS EMERGENCY		008 01 8800
CAR PHONES	PERTH	018 92 1764
	KWINANA	018 92 1765

MAIN ROADS DEPARTMENT

METROPOLITAN DIVISION - ENGINEER	LOU ROE	W/K 470 0222
WORKS MANAGER	WALLY RABBITS	W/K 470 0242
		A/H 457 0400
AFTER HOURS DUTY RANGER		016 92 5983
AFTER HOURS	PETER JACOBS	458 8332

CONSERVATION AND LAND MANAGEMENT

OFFICE HOURS	367 0292
DUTY OFFICER PAGER	AH 367 0224
PETER PENNINGS	AH 332 6368
DOUG COCHRAN	AH 401 8183

DEPARTMENT OF MARINE AND HARBOURS

OFFICE HOURS 335 0888
MARINE EMERGENCY OPERATIONS CENTRE(24 HOURS) 335 0875

BUREAU OF METEOROLOGY

DUTY FORECASTER ALL HOURS 425 9299

RADIO ACTIVE MATERIALS

NOTIFY POLICE OR FIRE BRIGADE 000

STATE ENERGY COMMISSION

ELECTRICITY SUPPLY FAULTS ALL HOURS 321 1811
GAS SUPPLY FAULTS ALL HOURS 427 4343

EMERGENCY

AMBULANCE POLICE FIRE BRIGADE.....000

MINES DEPARTMENT

EXPLOSIVES AND DANGEROUS GOODS DIVISION

SENIOR INSPECTOR W/K 222 3385
DUTY INSPECTOR PAGER CONTACT NO 480 9999 (90247)

NATIONAL PLAN EQUIPMENT

**STATE COMBAT COMMITTEE
(RELEASING OFFICERS)**

CAPT. R. PURKISS	WK	335 0888	AH	339 2856
CAPT. D. OLIVER	WK	335 0888	AH	328 2584
CAPT. C. DEANS	WK	430 4911	AH	401 2438
BILL THOMPSON	WK	430 2110	AH	339 5628
MR. E. TWIGG	WK	430 2113	AH	364 6429

BP (FREMANTLE) LIMITED

TERMINAL PHONE (STAFF MAY BE ON SITE)				336 2055
DUTY SUPERVISOR		PAGER LINK 60202		480 9999
TERMINAL MANAGER		J WARMAN		317 1947
TERMINAL SUPERINTENDENT		A WATTERS		418 1064
TERMINAL SUPERVISOR		B BERRY		418 6510
RELIEF SUPERVISOR		C ANDERSEN		332 8689
ADMINISTRATION OFFICER		B CARSON		276 8365

PIMA

OFFICE	Ph 535 3411	Fx 581 4560
	535 3760	
T. ROSE	AH 527 6608	
J. PSZCZOLA	AH 535 2399	

LIMA

OFFICE

Ph (097) 21 1875

Fx (097) 21 8290

E. WRIGHT

AH 097 25 1977
Mobile 018 932418

AWMA

OFFICE

Ph (098) 41 4988

Fx (098) 42 1204

M. KERR

Ah (098) 48 1955

L. PEN

Ah (098) 41 8847

WASTE DISPOSAL ORGANISATIONS

Wastemovers WA
Liquid Salvage Pty. Ltd. Phone 457 5955
4 Kembla Way After Hours 296 4607, 397 6332
WILLETON Fax 354 1240

TNT Waste Control
650 Hardy Road Phone: 353 2262
KEWDALE Fax: 353 1563

Cleanaway
Camboon Road
MALAGA Phone: 249 2244

Gardner Perrott (Water & Sludge/Contaminated Waste Disposal)
20 Stack Street Phone: 335 9000
FREMANTLE A/h: Jim Watson 378 1329
Alan Pillinger 271 4654
Fax: 430 4659

Bishops Liquid Waste
Unit 5 Phone: 410 2899
Lot 21 Sparks Road A/h 480 5484
HENDERSON Fax: 410 2928

HIRE EQUIPMENT

Coates Hire
Head Office
18 Wheeler Street Phone: 277 4144
BELMONT A/h: 277 4365

Cockburn Hire Service

Administration	Phone:	355 7066
6 Hargreaves Street	A/h:	336 1311
BELMONT	Fax:	336 1404

Broomhalls Ezy Hire

6 Loftus Street	Phone:	32 6593
LEEDERVILLE	A/h:	322 6683
		322 6593

Environmental Products

John D. Wood - Manager	Phone:	448 0075
26 Ambridge Street	A/h:	448 2493
HAMERSLEY 6022	Fax:	448 0075

Appendix 2

Log Sheets

POLLUTION RESPONSE PLAN RESPONSE SHEET

1 Reception/receiving call

Rec'd by _____
 Rec'd Time _____ Date _____
 from Name _____ Phone _____
 Address _____

2 Incident location

Street/Suburb _____
 Nearest intersection _____
 Nearest main drain _____
 Product _____ Est quantity _____ Priority grading _____

3 Incident details

Road transport	<input type="checkbox"/>	Rail	<input type="checkbox"/>	Vessel	<input type="checkbox"/>	Aircraft	<input type="checkbox"/>	Other	<input type="checkbox"/>
Bulk transport	<input type="checkbox"/>	Pipeline	<input type="checkbox"/>	Marine installation	<input type="checkbox"/>	Industry	<input type="checkbox"/>		<input type="checkbox"/>
Dislodged load	<input type="checkbox"/>	Collision	<input type="checkbox"/>	Fire	<input type="checkbox"/>	Spillage	<input type="checkbox"/>	Burst	<input type="checkbox"/>
Other	_____								

4 Material details

Product _____ UN Number _____ Hazchem code _____
 Container: Tanker Drum Tin Bottle Other
 Contents: Liquid Gas Powder Granule Other
 Manufacturer _____ Corrosive Toxic

5 Contaminated/endangered areas

Contaminated area _____
 Endangered area _____

6 Operations officer

Notify, enter times/names as required

Operations Officer					
On-scene Co-ordinator					
	Name	Time		Name	Time
Field staff	_____	_____	Health Dept	_____	_____
Director	_____	_____	Minister	_____	_____
Police	_____	_____	Dept M&H	_____	_____
Fire Dept	_____	_____	WAWA	_____	_____
EPA	_____	_____	FPA	_____	_____
Mines Dept	_____	_____	DOSHWA	_____	_____
_____	_____	_____	_____	_____	_____

POLLUTION RESPONSE PLAN

RESPONSE SHEET

On-scene Co-ordinator

Name

Time

Incident location

Street/Suburb

Nearest intersection

Nearest main drain

Product

Est quantity

Priority grading

Priority grading: 1 = Major (assist other Depts), 2 = Moderate (field staff & local ast), 3 = Minor (SRT only)

Affected area

Road Drain Wetland Lake River Other
Area - Waterbody endangered

Special instructions

Check list - Enter times / names where necessary

- | | |
|---|--|
| <input type="checkbox"/> Report to control | <input type="checkbox"/> Determine spill priority |
| <input type="checkbox"/> Notify action officer | <input type="checkbox"/> Staff on standby |
| <input type="checkbox"/> Equipment standby | <input type="checkbox"/> Report No of personnel on scene |
| <input type="checkbox"/> Report on leaving scene | <input type="checkbox"/> Report any injuries |
| <input type="checkbox"/> Recover, clean & inspect equipment | <input type="checkbox"/> Order & replace items used |

COMMUNICATIONS AND ACTION LOG

Name	Details	Time

Appendix 3

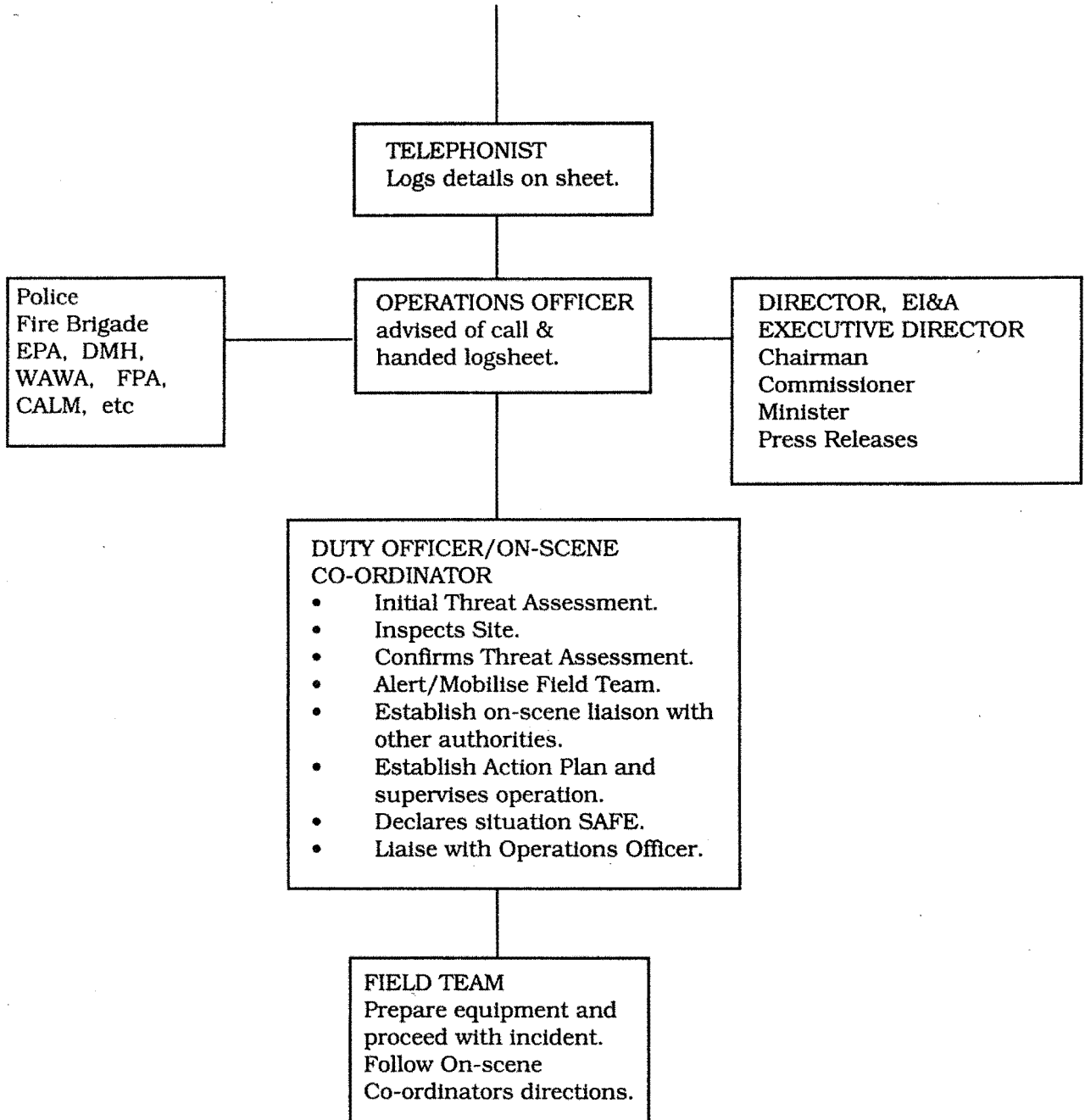
Action Flow Charts

POLLUTION RESPONSE - INITIATION

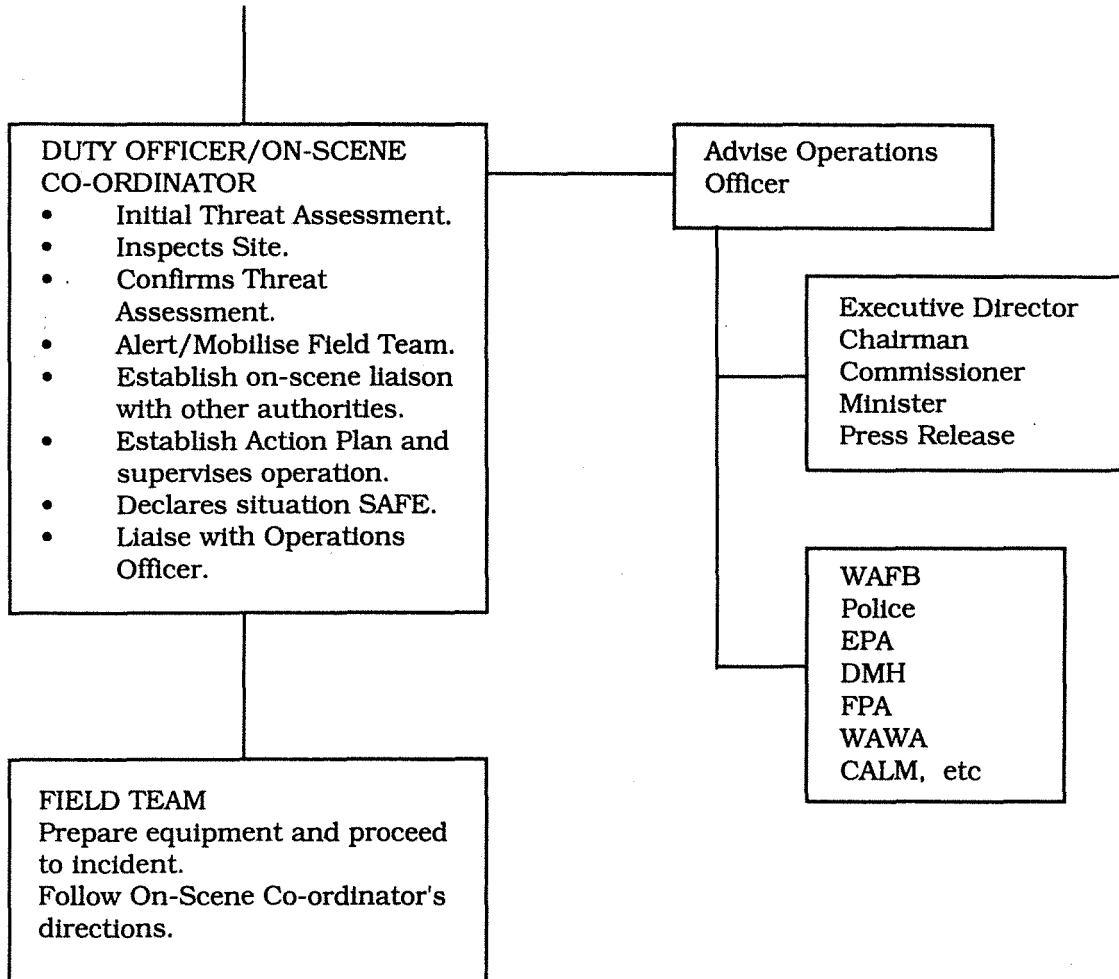
These procedures can be implemented in two (2) ways

- (1) By a call through Administration Switchboard 327 9700 during office hours, or
- (2) By a pager call **016 982027** to Duty Officer.

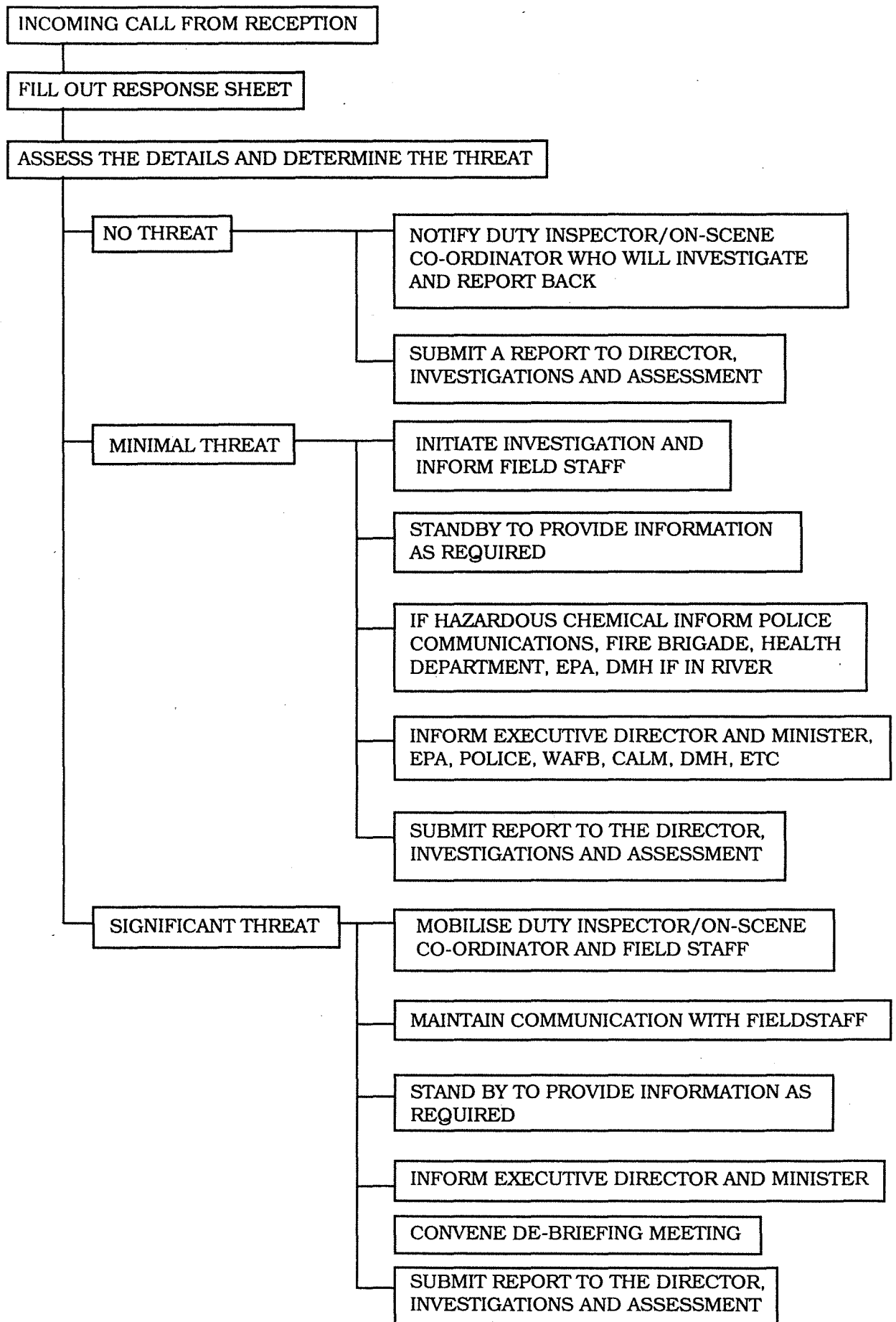
ACTION PLAN - OFFICE HOURS call through Switchboard on **327 9700**



ACTION PLAN - AFTER HOURS on Pager call **016 982027**



4.2 OPERATIONS OFFICER



4.3 ON-SCENE CO-ORDINATOR'S ACTION PLAN

