



Quarantine Procedure QE-91-IQ-00189

PROJECT / FACILITY	Supply Chain Management
REVIEW INTERVAL (MONTHS)	12 Months
SITE INSPECTIONS	6 Months

Rev No	Date	Owner	Reviewer	Approver
		Land Logistics Superintendent	L&M Manager	Executive Manager Supply Chain
13	05/09/16	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

Holders of Controlled Copies:

Perth Library

Any hard copy of this document, other than those identified above, are uncontrolled. Please refer to the Quadrant Energy Document Management System for the latest revision.

REVISION HISTORY

Revision	Author / Editor	Amendment
0	Ramboll Environ on behalf of Quadrant Energy - Supply Chain Management	Development of a new Supply Chain Management – Quarantine Procedure

CONTENTS

1. Purpose	5
2. Scope	5
3. Reference Documents, Forms and Reports	7
4. Definitions and Abbreviations	8
5. Quarantine Operational Control	11
5.1 Roles and Responsibilities	11
5.1.1 Quadrant Personnel	11
5.1.2 Quadrant Suppliers, Contractors (including Sub-contractor/s), Consultants and 3PLP	13
5.2 Quadrant Supply Chain	15
5.2.1 Quadrant Suppliers / Contractors	15
5.2.2 Quadrant Supply Bases.....	15
5.2.3 Freight Transport.....	16
5.3 Description of Supply Chain Vectors, Pathway Steps / Staging Points and Actions / Barriers	16
5.3.1 Vectors.....	16
5.3.2 Pathway Step / Staging Point	17
5.3.3 Actions / Barriers	17
5.4 Quarantine Controlled Marine Access Zone	17
6. MONITORING AND CHECKING	18
6.1 Inductions, Training and Awareness	18
6.2 Monitoring and Measurement	19
6.2.1 Quadrant Environmental Monitoring Program (QEMP)	19
6.2.2 Quarantine Monitoring and Reporting of Data.....	19
6.3 Quarantine Incidents / Near Misses	19
6.3.1 Incident.....	19
6.3.2 Near Miss.....	19
6.3.3 Quarantine Incident Notification	19
6.3.4 Quarantine Near Miss Notification	20
6.4 Assurance	20
6.4.1 Evaluation of Compliance.....	20
SCM-QP Yearly Audit	21
Quadrant Supplier, Contractor (including their Sub-contractor), Consultant and / or 3PLP Quarantine Inspection	21
6.4.2 Non-conformity, Corrective and Action.....	21
6.5 Control of Quarantine Records	21
7. QUADRANT MANAGEMENT REVIEW	21
8. Quarantine Management Action Table	22

1. PURPOSE

The purpose of this Supply Chain Management - Quarantine Procedure – QE-91-IQ-00189(SCM-QP) is to provide:

- Quadrant Energy Limited (Quadrant) Supply Chain Management (SCM) personnel with specific information regarding quarantine management requirements relevant to managing, inspecting and reviewing Quadrant Suppliers, Contractors (and their Sub-contractors), Consultants and 3rd Party Logistic Providers (3PLP); and
- Quadrant Suppliers, Contractors (and their Sub-contractors), Consultants and 3PLP with detailed quarantine management requirements relevant to their work under the contract (WUC) with Quadrant.

Note: This SCM-QP aligns with (and shall be read in conjunction with) Quadrant's overarching Quarantine Management Plan - EA-91-RI-10002 (QMP) ensuring that regulatory approved quarantine management processes are being implemented effectively along Quadrant's supply chain operations to Varanus Island (VI) and / or Airlie Island (AI) (the Site) by land, marine or air.

The overarching objective of the SCM-QP is to ensure that Quadrant's regulatory quarantine management requirements are implemented, inspected and communicated to all parties involved with the transportation of personnel, luggage, goods, materials, equipment, plant and machinery for operations and projects where quarantine management applies so as to:

Protect the natural environments (i.e. terrestrial and marine) within and around Quadrant's operational facilities from the introduction of non-native vermin, invasive marine pest species, weeds, insects and native species not already occurring at the Site; and

To prevent operational and future construction activities introducing new non-native vermin, invasive marine pest species, weeds, insects and native species not already occurring at the Site.

The SCM-QP applies to:

- All personnel (incl. accompanying luggage), personal tools and equipment, general freight, transported to Site via land, marine and / or air transport,
- The marine vessels and aircraft (incl. helicopters) transporting the above to Site.

The SCM-QP does not apply to:

- Quarantine management requirements to prevent the introduction of marine pests from vessel hulls or ballast water (refer to Quadrant's Environmental Requirements For Offshore Marine Vessels - AE-91-IQ- 202),
- Management measures and actions for the detection, control and eradication of introduced terrestrial Non-Indigenous Species (NIS) to Site. Management measures and actions for introduced terrestrial NIS to Site are documented in the VI First Response Guide (QE-91-ZI-12001); and
- Emergency access requirements to Site.

2. SCOPE

The SCM-QP has been developed for Quadrant SCM personnel, Suppliers, Contractors (and their Sub-contractors), Consultants and 3PLP to:

Provide an overview of Quadrant's supply chain, vectors and pathway steps / staging points by which non-native vermin, invasive marine pest species, weeds, insects and native species could be introduced to Site;

Detail the action / barriers required for implementation vs the relevant pathway steps / staging points; and

Provide details for Quadrant Suppliers, Contractors (and their Sub-contractors), Consultants and 3PLP with respect to Quadrant's requirements for training and awareness, incident reporting, reporting with reference to Quarantine management.

*Note: Quadrant SCM personnel and where applicable Quadrant Suppliers, Contractors (and their Sub-contractors), Consultants and 3PLP shall read all of the main body of the SCM - QP as well as their particular quarantine management requirements based on their particular task or WUC as outlined in **Section 5**.*

3. REFERENCE DOCUMENTS, FORMS AND REPORTS**Table 3-1 Quadrant Reference Documents**

Document Number	Document Title
EA-91-RI-10002	Quarantine Management Plan (QMP)
QE-91-ZI-12001	Varanus Island First Response Guide
EA-00-RI-10058	Quadrant Environmental Monitoring Program
AE-91-IQ-202	Environmental Requirements For Offshore Marine Vessels
EA-91-IG-003	Environmental Auditing and Inspection Procedure
AE-91-IQ-232	Forwarding, Packaging & Marking Instructions for Suppliers
AE-91-F-042	Helicopter Offshore Aviation and Management Guidelines

4. DEFINITIONS AND ABBREVIATIONS

Table 4-1 Definitions

Term	Definition
Action / Barrier	Any physical, chemical, procedural or administrative process or control implemented at a pathway step / staging point along a vector that prevents or intercepts NIS contamination.
Aggregate	Raw materials of crushed stone (including blue metal), sand or gravel. Does not include cement or premix cement.
Audit	A systematic, independent and documented process for obtaining audit evidence and evaluating it objectively to determine the extent to which the audit criteria have been fulfilled.
Cleaning	Use of a high pressure water or air cleaner, ensuring that the item does not harbour any non-quarantine compliant.
Consultant	Means any person engaged by the Quadrant to perform consultancy services.
Contamination	The contamination at any point of a vector along a pathway step / staging point from general freight, vessels, aircraft (incl. Helicopters) or personnel (incl. accompanying luggage) by non-indigenous species.
Contractor	Means any person / company engaged by Quadrant to perform any part of a WUC, (this includes a Contractor's Sub-contractor/s), but not including an employee of Quadrant.
Corrective Action	Action to eliminate the cause of a detected non-conformance.
Declared Weed	A plant species or parts there-of that is 'Declared' under the <i>Biosecurity and Agriculture Management Act 2007</i> (BAM Act) [see Department of Agriculture and Food website for the Western Australian Organism List (WAOL) to find out the status of organisms, and weeds.org.au/WoNS for a list of weeds of national significance).
Department of Agriculture	The Australian Department of Agriculture's role is to develop and implement policies and programs that ensure Australia's agricultural, fisheries, food and forestry industries remain competitive, profitable and sustainable.
Enablon (Incident Database)	Quadrant's computerised database for recording Incidents / Near Misses and tracking action items to close out.
Freight Consolidation Area	A location where goods, equipment, machinery and vehicles are processed prior to transport to a vessel laydown area or Site, e.g. Perth Supply Base, Dampier Supply Base or nominated freight yard.
Fumigation	A method of pest control that completely fills an area with gaseous pesticides—or fumigants—to suffocate or poison the pests within. Fumigation must be carried out by a licenced pest controller, if required.
Incident	An NIS introduction to Site, or an NIS contamination of a vector along a pathway step / staging point.
Interception	Discovery, removal and/or eradication of NIS at a point on a vector and / or pathway step / staging point.

Term	Definition
Internal Audit	Sometimes called first-party audits, are conducted by, or on behalf of, the organisation itself for management review and other internal purposes, and may form the basis for an organization's self-declaration of conformity.
Introduction	The arrival of a live NIS at Site via a vector (e.g. general freight, vessels, aircraft, personnel etc.), as a result of contamination along a pathway step / staging point.
Near Miss	Prevention of an introduction of NIS prior to arrival at Site; an interception of NIS contamination of a vector along a pathway. The failure to undertake all of the requirements of the QMP or this SCM-QP at any point along a vector and or pathway step / staging point (including administration and reporting tasks).
NIS of Concern	Pests or weeds that could have a disastrous effect on the animals and plants of the Site.
Non-Compliance	Documentation has not been received by Quadrant or is incomplete anywhere along the Quadrant supply chain to Site.
Non-indigenous species (NIS)	Any species of plant, animal or micro-organism not occurring naturally at the quarantine areas whose presence there is due to intentional or accidental introduction as a result of human activity. (i.e. also taken to mean: 'introduced', 'invasive', 'alien', 'exotic' and 'pest' species).
Noxious weed	Noxious weeds are weedy plant species that are controlled and or managed under state legislation (e.g. <i>Biosecurity and Agriculture Management Act 2007</i> (BAM Act)).
Pathway Step	A route of travel for a given vector which might enable NIS to be introduced to a native environment.
Quadrant Representative	A person appointed by Quadrant as their representative on a contracted facility or worksite.
Quarantine Controlled Marine Access Zone	Quarantine controls apply for all marine vessels that travel to Site or travel within 2 km (LAT) from Site and the adjacent Islands of the Lowendal Archipelago.
Shall	Indicates a mandatory requirement which must be complied with.
Site	Quadrant's operational facilities at Varanus Island and Airlie Island.
Staging Point	A point along a pathway step where a vector is stopped for transfer, inspection or processing before continuing to the final destination. Typical staging points for Quadrant are the Perth Supply Base and the Dampier Supply Base.
Supplier	A Company or individual that is responsible for supplying general freight / equipment / material to Quadrant.
Supply Base	A major freight staging point, for consolidation, inspection and cleaning of freight for transport to Site. Includes the Perth Supply Base and Dampier Supply Base.
Vector	A vector is anything or anyone that is capable of introducing or translocating a NIS to Site.

Term	Definition
Vermin	An invertebrate or vertebrate species that is foreign to Site, and is either native to mainland Australia (not already present at the Island) or originating from overseas.
Weed	A plant species or parts there-of that is foreign to Site and is either native to mainland Australia (not already present at the Island) or originating from overseas.
WUC (from 'work under the contract')	Means the whole of the work which the Supplier, Contractor (incl. their Sub-contractor/s), Consultant, and / or 3PLP is or may be approved by Quadrant to undertake and complete under the Contract and includes the provision of personnel, plant, machinery, goods, materials, equipment etc.

Table 4-2: Abbreviations

Abbreviation	
Quadrant	Quadrant Energy Limited.
3PLP	Third Party Logistics Provider.
AI	Airlie Island.
BWI	Barrow Island.
DoA	Department of Agriculture (formerly DAFF: Department of Agriculture Fisheries and Food).
DPaW	Department of Parks and Wildlife (formerly DEC: Department of Environment and Conservation).
e.g.	<i>exempli gratia</i> – for example.
EP	Environment Plan.
HSE	Health, Safety and Environment.
i.e.	<i>id est</i> – that is.
MBI MCR	Montebello-Barrow Island Marine Conservation Reserve
NIS	Non-Indigenous Species.
QCMAZ	Quarantine Controlled Marine Access Zone.
QEMP	Quadrant Environmental Monitoring Program.
QMP	Quarantine Management Plan.
SCM	Supply Chain Management.
SCM-QP	Supply Chain Management – Quarantine Procedure.
WUC	Work Under the Contract.
VI	Varanus Island.

5. QUARANTINE OPERATIONAL CONTROL

5.1 Roles and Responsibilities

5.1.1 Quadrant Personnel

Quadrant are responsible for providing resources (e.g. financial, equipment, expertise and management support) as may be required to execute Quadrant's quarantine management requirements as detailed within the 'SCM-QP Quarantine Management Action Table' excel spreadsheet provided with the SCM-QP (QE-91-IQ-00189)

Quadrant's key roles and responsibilities for ensuring that quarantine management objectives are being met and quarantine management practices are being undertaken along the supply chain are outlined below in **Table 5-1**.

Table 5-1 Quadrant Roles and Responsibilities

Role	Responsibility
Executive Manager Supply Chain	<ul style="list-style-type: none"> Ensure all supply chain processes for services to Site are carried out according to the requirements of this SCM-QP and the QMP. Ensure adequate education and training of Quadrant supply chain personnel, Suppliers, Contractors (including their Sub-contractors), Consultants and 3PLP in order to implement the requirements of this SCM-QP. Identifies if there are repeated quarantine Near Miss events or Incidents that are serious in nature and implements actions to enforce compliance with this SCM-QP. Ensure a review of the SCM-QP every two years. As part of the biennial review, notify relevant personnel of any changes prior to implementation of significant changes. Ensure compliance against this SCM-QP. Ensure adequate education and training material is available and in order to implement the SCM-QP. Weekly review of all Incidents in Quadrants' Incident Management Database (i.e. Enablon), including quarantine breaches. Identifies if there are repeated quarantine Near Miss events or Incidents that are serious in nature and implements actions to enforce compliance with the SCM-QP.
Contracts and Procurement Manager	<ul style="list-style-type: none"> Ensure all contract documentation for services and procurement to Site (e.g. Master Services Agreement, Hire Agreement, Service Orders and Purchase Orders) includes signed acceptance of this SCM-QP with respect to the Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC. Ensure quarantine management requirements as per Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC have been communicated to the Quadrant Contract and Procurement Team Leaders for Operations, Projects and Drilling and Exploration.
Logistics and Materials Manager	<ul style="list-style-type: none"> Ensure Land, Aviation, Marine and Supply Base Superintendents implement the SCM-QP. Ensure all Quadrant and 3PLP logistics personnel are aware of the requirements of the SCM-QP and that the requirements of the SCM-QP have been implemented prior to the goods / materials, equipment, machinery or Quadrant personnel / contractors mobilise to Site.

Role	Responsibility
	<ul style="list-style-type: none"> Ensure relevant personnel are trained in quarantine inspections / audits and training is maintained for currency. Ensure that all quarantine Near Miss events or Incidents are documented, followed up and reported in Quadrant's Incident Management Database (i.e. Enablon) as per Quadrant's Hazard Reporting Incident Notification and Investigation Procedure (AE-91-IF-002).
Executive Manager Projects	<ul style="list-style-type: none"> Ensure all relevant projects personnel are made aware of this SCM-QP for projects that take place on Site.
Drilling and Completions Manager	<ul style="list-style-type: none"> Ensure all relevant Drilling personnel are made aware of this SCM-QP for Drilling activities that take place on Site.
Director of Operations	<ul style="list-style-type: none"> Ensure all relevant operations personnel are made aware of this SCM-QP.
Supply Base Superintendents	<ul style="list-style-type: none"> Ensure all freight (including vehicles) to be transported to Site have been inspected / managed in line with this SCM-QP and that checklists are completed where required for cleaning, fumigation and/or baiting to manage any quarantine risk. Ensure quarantine evidence documentation is provided with the freight items to be transported to Site. Ensure that all quarantine Near Miss events or Incidents are documented, followed up and entered in Quadrant's Incident Management Database (i.e. Enablon).
Varanus Island Field Superintendent	<ul style="list-style-type: none"> Ensure requirements of the SCM-QP have been communicated to Site personnel and to all contracted personnel working on site. Ensure that quarantine evidence documentation has been received for the freight items transported to Site. Ensure that all quarantine Near Miss events or Incidents are documented, followed up and entered in Quadrant's Incident Management Database (i.e. Enablon).
HSE Manager – Developments and Exploration	<ul style="list-style-type: none"> Ensure requirements of the QMP have been incorporated into the SCM-QP and confirm via auditing that these requirements have been communicated to Quadrant personnel and to all contracted personnel working on site and along the Quadrant supply chain. Ensure adequate education and training material is available and in order to implement the SCM-QP. Weekly review of all Incidents in Quadrants' Incident Management Database (i.e. Enablon), including quarantine breaches. Identifies if there are repeated quarantine Near Miss events or Incidents that are serious in nature and implements actions to enforce compliance with the QMP and this SCM-QP. Ensure compliance against all HSE Management Plans including VI Hub Operations EP, VI Hub Ops EMP and Environmental Monitoring Program.
Operations HSE Team Lead	<ul style="list-style-type: none"> Ensure requirements of this SCM-QP are applied to operations activities on Site. Ensure that all quarantine Near Miss events or Incidents are recorded in Quadrant's Incident Database (i.e. Enablon).

Projects and Drilling HSE Team Lead	<ul style="list-style-type: none"> • Ensure requirements of this SCM-QP are applied to operations activities on Site. • Ensure that all quarantine Near Miss events or Incidents are recorded in Quadrant's Incident Database (i.e. Enablon).
-------------------------------------	---

5.1.2 Quadrant Suppliers, Contractors (including Sub-contractor/s), Consultants and 3PLP

Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and 3PLP are responsible for providing resources (e.g. financial, equipment, expertise, and management support) as may be required with respect to quarantine management requirements required under their WUC and the 'SCM-QP Quarantine Management Action Table' excel spreadsheet provided with the SCM-QP (QE-91-IQ-00189).

Key roles and responsibilities of Quadrant's Suppliers, Contractors (including their Sub-contractors), Consultants and 3PLP for ensuring that quarantine management objectives are being met and quarantine management practices being undertaken along the supply chain are outlined in **Table 5-2**.

Table 5-2: Suppliers, Contractors (including their Sub-contractors), Consultants and 3PLP Responsibilities

Role	Responsibility
Suppliers	<p>The Supplier is responsible for:</p> <ul style="list-style-type: none"> • Facilitating and enforcing compliance with this SCM-QP, and in-particular the specific quarantine requirements as per the '<i>SCM-QP Quarantine Management Action Table</i>' and providing sufficient resources to meet the Suppliers quarantine responsibilities based on their particular WUC. • Ensuring all Quadrant quarantine management processes / requirements are undertaken in accordance with this SCM-QP and / or the WUC. • Submitting the Suppliers quarantine management requirements for review and acceptance by Quadrant and making amendments based on any Quadrant review comments. • Undertaking inspections and audits as required by this SCM-QP and providing this information to Quadrant upon request. • Ensuring all Supplier personnel receive appropriate quarantine training and inductions as required under the WUC. • Recording any quarantine related Incidents or Near Miss as per Section 6.3 and providing this information to Quadrant upon request. • Assisting Quadrant, based on an Incident or Near Miss reported by the Supplier, with undertaking an Incident investigation, developing corrective actions, monitoring their implementation, if required and ensuring all Incidents or Near Misses including actions are closed out appropriately. • Ensuring the current version of this SCM-QP is available to all Supplier personnel. • Maintaining and providing all relevant quarantine inspection sheets and records as required under this SCM-QP in a readily available and auditable file. • Any other requirements of this SCM-QP and / or the WUC relevant to quarantine management.
Contractors (including their Sub-contractors)	<p>The Contractor (incl. their Sub-contractor/s) is responsible for:</p> <ul style="list-style-type: none"> • Facilitating and enforcing compliance with this SCM-QP, and in-particular the specific quarantine requirements as per the '<i>SCM-QP Quarantine Management Action Table</i>' and providing sufficient resources to meet the Contractors (incl. their Sub-contractor/s) quarantine responsibilities based on their particular WUC.

Contractors (including their Sub-contractors) cont.	<ul style="list-style-type: none"> • Ensuring all Quadrant quarantine management processes / requirements are undertaken in accordance with this SCM-QP and / or their WUC. • Submitting the Contractors (incl. their Sub-contractor/s) quarantine management requirements for review and acceptance by Quadrant and making amendments based on any Quadrant review comments. • Undertaking inspections and audits as required by this SCM-QP and providing this information to Quadrant upon request. • Ensuring all Contractor (incl. their Sub-contractor/s) personnel receive appropriate quarantine training and inductions as required under the WUC. • Recording any quarantine related Incidents or Near Miss as per Section 6.3 and providing this information to Quadrant upon request. • Assisting Quadrant, based on an Incident or Near Miss reported by the Contractor (incl. their Sub-contractor/s), with undertaking an Incident investigation, developing corrective actions, monitoring their implementation, if required and ensuring all Incidents and Near Misses including actions are closed out appropriately. • Ensuring the current version of this SCM-QP is available to all Contractor (incl. their Sub-contractor/s) personnel. • Maintaining and providing all relevant quarantine inspection sheets and records as required under this SCM-QP in a readily available and auditable file. • Any other requirements of this SCM-QP and / or the WUC relevant to quarantine management.
3PLP	<p>The 3PLP is responsible for:</p> <ul style="list-style-type: none"> • Facilitating and enforcing compliance with this SCM-QP, and in-particular the specific quarantine requirements as per the '<i>SCM-QP Quarantine Management Action Table</i>' and providing sufficient resources to meet the 3PLP quarantine responsibilities based on their particular WUC. • Ensuring all Quadrant quarantine management processes / requirements are undertaken in accordance with this SCM-QP and / or their WUC. • Submitting the 3PLP quarantine management requirements for review and acceptance by Quadrant and making amendments based on any Quadrant review comments. • Undertaking inspections and audits as required by this SCM-QP and providing this information to Quadrant upon request. • Ensuring all 3PLP personnel receive appropriate quarantine training and inductions as required under the WUC. • Recording any quarantine related Incidents or Near Miss as per Section 6.3 and providing this information to Quadrant upon request. • Assisting Quadrant, based on an Incident or Near Miss reported by the 3PLP with undertaking an Incident investigation, developing corrective actions, monitoring their implementation, if required and ensuring all Incidents and Near Misses including actions are closed out appropriately. • Ensuring the current version of this SCM-QP is available to all 3PLP personnel. • Maintaining and providing all relevant quarantine inspection sheets and records as required under this SCM-QP in a readily available and auditable file. • Any other requirements of this SCM-QP and / or the WUC relevant to quarantine management.

Consultants	<p>The Consultant is responsible for:</p> <ul style="list-style-type: none"> • Facilitating and enforcing compliance with this SCM-QP, and in-particular the specific quarantine requirements as per the '<i>SCM-QP Quarantine Management Action Table</i>' and providing sufficient resources to meet the Consultants quarantine responsibilities based on their particular WUC. • Ensuring all Quadrant quarantine management processes / requirements are undertaken in accordance with this SCM-QP and / or their WUC. • Submitting the Consultants quarantine management requirements for review and acceptance by Quadrant and making amendments based on any Quadrant review comments. • Undertaking inspections and audits as required by this SCM-QP and providing this information to Quadrant upon request • Ensuring all Consultant personnel receive appropriate quarantine training and inductions as required under the WUC. • Recording any quarantine related Incidents or Near Miss as per Section 6.3 and providing this information to Quadrant upon request. • Assisting Quadrant, based on an Incident or Near Miss reported by the Consultant with undertaking an Incident investigation, developing corrective actions, monitoring their implementation, if required and ensuring all Incidents and Near Misses including actions are closed out appropriately. • Ensuring the current version of this SCM-QP is available to all Consultant personnel; • Maintaining and providing all relevant quarantine inspection sheets and records as required under this SCM-QP in a readily available and auditable file. <p>Any other requirements of this SCM-QP and / or the WUC relevant to quarantine management.</p>
-------------	---

5.2 Quadrant Supply Chain

Quadrant's SCM Department are responsible for the acquisition and transportation of all goods and services required to operate and maintain operational Site facilities and the implementation of quarantine management processes along Quadrant's supply chain to Site.

5.2.1 Quadrant Suppliers / Contractors

Quadrant Suppliers / Contractors (incl. their Sub-contractors) prepare and package goods, materials, equipment and plant for transportation to Site. Quadrant Supplier / Contractor (incl. their Sub-contractors) shipments are then forwarded to Quadrant contracted Supply Bases in either Perth or Dampier.

5.2.2 Quadrant Supply Bases

Quadrant's materials handling and logistical functions are undertaken at Supply Base facilities at Perth and Dampier. Quadrant contracts the Supply Base facilities and support services for the Supply Bases through 3PLP, to receive, mobilise and dispatch goods, materials, machinery and equipment destined for Quadrant operations, drilling and / or projects.

Quadrant inventory is held at both Supply Bases in laydown and warehouse locations. Freight consolidation areas at each supply base are used to process consignments prior to transportation. Designated quarantine zones are used at each supply base to prepare shipments where quarantine management is required to Site.

Consignments destined for Site are primarily dispatched from the Perth Supply Base, which is received by Dampier Supply Base for consolidation and inspection before onward dispatch to Site. Alternatively some consignments are mobilised and dispatched directly from the Dampier Supply Base.

5.2.3 Freight Transport

From the Perth Supply Base, freight is dispatched on an as needed basis, up to approximately three times a week, to the Dampier Supply Base, a distance of approximately 1,550 km. Trucks travelling to the Dampier Supply Base stop overnight at roadside parking areas. From the Dampier

Supply Base freight is then trucked to the Dampier Wharf where it is then loaded onto a marine vessel/s upon which the freight is transported to Site.

5.3 Description of Supply Chain Vectors, Pathway Steps / Staging Points and Actions / Barriers

5.3.1 Vectors

A vector is a route of exposure that might enable the introduction or trans locating of a non-native vermin, invasive marine pest species, weeds, insects and /or native species to Site. Non-native vermin, invasive marine pest species, weeds, insects and native species can be introduced or trans located on or in materials, plant, equipment, goods etc. that are imported to Site, on personnel (clothing, footwear, and luggage) that travel to Site, or on the form of transport - land, sea, or air – used to transport these items or personnel. Note: Further information on Vectors is provided in the QMP.

Quadrant has identified a number of operational vectors that have the potential to introduce non-native vermin, invasive marine pest species, weeds, insects and native species to Site. The vectors (as outlined in Table 3-1 in the QMP (EA-91-RI-10002)) have been detailed below.

Personnel and accompanying luggage: Any Quadrant or contracted personnel or authorised visitor who travels to Site along with their accompanying personal luggage.

Personal Tools and Equipment: These items include tools and equipment of trade for contracted personnel when these items travel as accompanying luggage.

Skid equipment (including open containers, baskets and pallets), accommodation units, pre-fabricated modules (including portable buildings), containerised goods (including food and perishables): Any item sent by truck from Perth and / or Dampier for shipment by vessel to Site, which includes food, goods, materials and modules, that are transported on skids, pallets, baskets or containers. This vector also includes small 'hot shot' freight items that are transferred from Karratha to Site by helicopter.

Plant, including earthmoving equipment, vehicles, machinery, non-containerised goods and Contractor equipment: Consigned to transport by truck from Perth and / or Dampier for shipment by vessel to Site. These items also include tools and equipment of trade for contracted personnel when these items are too large or heavy to travel as accompanying luggage.

Aggregate, Sand and Cement: These materials are predominately sourced from Dampier and Karratha and are inspected and loaded at Dampier and shipped to Site by vessel from Dampier Wharf.

Pipe, Steel and Individual Items: Consigned to transport by truck from Perth and /or Dampier for shipment by vessel to Site.

Marine Vessels: Domestic vessels used for transfer of freight shipments and personnel from Onslow, Exmouth, Dampier and Point Samson to Site.

Aircraft (including Planes and Helicopters): Aircraft travelling to Site departing Perth Airport on Chevron-contracted flights. These flights depart daily for Barrow Island (BWI). On arrival at BWI, personnel transfer to the heliport for helicopter transit to Site. Up to twice a month Quadrant personnel travel to Site via domestic aircraft to Karratha then to BWI by fixed wing aircraft, or direct to Site by helicopter.

5.3.2 Pathway Step / Staging Point

A Pathway Step / Staging Point is a route / point of travel per vector used to transfer / inspect any goods, materials, equipment and /or personnel from point of supply, embarkation etc. to Site. A pathway step / staging point includes travel by road vehicle, plane, helicopter or marine vessel, and can include travel via multiple locations (i.e. supply bases, heliports etc.) prior to reaching Site. Quadrant has identified all pathway step / staging points to Site for each particular vector and these have been outlined in the 'SCM-QP Quarantine Management Action Table' provided with the SCM-QP (QE-91-IQ-00189)

5.3.3 Actions / Barriers

To mitigate the risk of introducing or trans locating non-native vermin, invasive marine pest species, weeds, insects and /or native species to Site prevention and / or interception (i.e. discovery, removal and/or eradication) at a pathway step / staging point along a vector is required. An Action / Barrier is defined as any physical, chemical, procedural or administrative process or control implemented along a pathway that prevents or intercepts a non-native vermin, invasive marine pest species, weeds, insects and /or native species. At each pathway step / staging point along a vector one or more actions / barriers can be implemented.

Based on the vectors and subsequent pathway steps / staging points a range of actions / barriers that shall be implemented can be determined from utilising the 'SCM-QP Quarantine Management Action Table' provided with the SCM-QP (QE-91-IQ-00189). Actions / barriers are the responsibility of Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP along with Quadrant personnel. These responsibilities are also outlined in detail in 'SCM-QP Quarantine Management Action Table' once vectors and pathway steps / staging points are selected based on the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC.

5.4 Quarantine Controlled Marine Access Zone

Quarantine controls are required for all marine vessels that travel to Site or travel within the QCMAZ, which is defined as 2 km (LAT) from Site and the Islands within the Montebello-Barrow Island Marine Conservation Reserve (MBI MCR). Requirements for all marine vessels with reference to QCMAZ are outlined within Quadrant's Environmental Requirements for Offshore Marine Vessels (AE-91-IQ-202).

6. MONITORING AND CHECKING

6.1 Inductions, Training and Awareness

All Quadrant personnel and Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP shall undertake their work with respect to quarantine management in accordance with the requirements of this SCM-QP, their WUC and generally in a manner that minimises the potential for quarantine Incidents or Near Misses to occur at Site or along the Quadrant supply chain.

Training and competencies of Quadrant personnel along with Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP are managed via an electronic system, (i.e. Quadrant Online Induction and Training Database). The database contains a skills matrix for each position, including Quadrant personnel along with Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP. The training and competency of individual personnel is then tracked based on the skills matrix for their position or the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC. Within the skills matrix is a level progression and assessment scheme, which ensures all required personnel have appropriate knowledge and skills to competently perform their designated tasks. The single level system is designed for supervisory, administrative and professional positions. The four level system is designed for the technical, trade, production technician or operators positions.

Training requirements with respect to quarantine management requirements and Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC may include the following, but not be limited to:

- General awareness of quarantine requirements through Quadrant's online induction for Site. All Quadrant personnel and Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP associated with travelling or providing general freight which ultimately ends up at Site **must** undertake the online induction and E-Learning Quarantine Awareness Module during which quarantine requirements are highlighted.

- Before mobilisation and dependant on the type and size of the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC, Quadrant may undertake quarantine awareness training. This training will cover the requirements of this SCM-QP and the supporting overarching QMP and / or other Quadrant environmental procedures.

- Quadrant quarantine Incident / Near Miss reporting training, investigations and monitoring / eradication programs (if required); and

- Quadrants Incident reporting system and corrective action close out requirements (i.e. Enablon).

Quadrant personnel and Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP shall maintain a training matrix to ensure that relevant personnel receive the necessary training to implement the requirements of this SCM-QP relevant to their specific WUC. Training records will be maintained in a readily available auditable file and include the following as a minimum:

- Records of training attendance (e.g. quarantine awareness / induction training, toolbox meetings);

- Copies of the training materials utilised for quarantine management; and

- Competency assessments (where relevant to the training provided).

Personnel charged with carrying out quarantine inspections must be trained in quarantine inspection procedures prior to commencing work, which is recorded in a training and competency register.

6.2 Monitoring and Measurement

6.2.1 Quadrant Environmental Monitoring Program (QEMP)

Quadrant currently undertake environmental monitoring as outlined in the QEMP (EA-00-RI-10058) associated with the facilities located on Site. Ecological components that are monitored for quarantine requirements include terrestrial fauna and weeds.

6.2.2 Quarantine Monitoring and Reporting of Data

Requirements for Quadrant personnel and where applicable Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP to provide quarantine monitoring and reporting data with respect to this SCM-QP is included within the 'SCM-QP Quarantine Management Action Table' provided with the SCM-QP (QE-91-IQ-00189).

Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP shall provide Quadrant with the relevant quarantine monitoring and reporting data evidence as per their requirements outlined in the 'SCM-QP Quarantine Management Action Table' provided with the SCM-QP (QE-91-IQ-00189) and as per the WUC reporting requirements to Quadrant. Any quarantine monitoring and reporting data required under the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants or 3PLP WUC is to be included in monthly reporting requirements to Quadrant and must be correct and auditable with supporting evidence provided.

6.3 Quarantine Incidents / Near Misses

Quarantine Incidents include events that have directly or can indirectly cause quarantine impacts or harm as well as events involving non-compliance with Quadrant procedures and near-miss events which may or may not have resulted in a direct or indirect quarantine impact.

Quadrant defines quarantine-related incidents and near misses as follows:

6.3.1 Incident

An introduction of Non-native vermin, invasive marine pest species, weeds, insects and native to Site.

6.3.2 Near Miss

Prevention of an introduction of non-native vermin, invasive marine pest species, weeds, insects and native species prior to arrival at Site;

An interception of Non-native vermin, invasive marine pest species, weeds, insects and native species along a vector or pathway step / staging point; and / or

The failure to undertake all of the requirements of this SCM-QP or the associated Quadrant QMP at any point along a vector and / or pathway step / staging point.

Examples of quarantine Near Miss events may include:

Interception: during an inspection of freight at Dampier Supply Base a non-native vermin is discovered. It is removed and the freight reaches Site in a quarantine compliant state.

A sealed supplier-prepared container arrives at Perth Supply Base without the required documentation and labelling. It does not proceed to Site until quarantine compliance is verified.

6.3.3 Quarantine Incident Notification

Any Quarantine Incident response is to be documented, investigated, reported and closed-out in accordance with Quadrant's Hazard Reporting Incident Notification and Investigation Procedure (AE-91-IF-002).

Information to be provided upon request by Quadrant by the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP following a quarantine Incident is to include the following as a minimum:

- Quarantine Incident date and time;
- Person reporting the quarantine Incident;
- Who the quarantine Incident was reported to at Quadrant;
- Quadrant supply chain location including weather conditions at the time of the quarantine Incident;
- A detailed description and the impact or potential impact of the quarantine Incident;
- A detailed description on the cause of the quarantine Incident;
- Actions undertaken following the quarantine Incident;
- Suggested actions to prevent recurrence or to minimise current impact of Incident; and / or
- Any additional details (including any attachments such as photographs, notes or inspection sheets etc.).

Quadrant's process to notify environmental regulators (i.e. DMP and DPaW) of quarantine Incidents will be in accordance with the Incident reporting requirements defined in the Hazard Reporting Incident Notification and Investigation Procedure (AE-91-IF-002). If requested information for environmental regulators is to be provide by the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP upon request by Quadrant.

6.3.4 Quarantine Near Miss Notification

All quarantine Near Miss events will be documented, investigated, reported and closed-out as per Quadrant's Hazard Reporting Incident Notification and Investigation Procedure (AE-91-IF-002). All quarantine Near Miss events shall be entered into Enablon by Quadrant Personnel once information is received from the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP.

Information to be provided upon request by Quadrant by the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP following a quarantine Near Miss is to include the following as a minimum:

- Quarantine Near Miss date and time;
- Person reporting the quarantine Near Miss;
- Who the quarantine Near Miss was reported to at Quadrant;
- Quadrant supply chain location including weather conditions at the time of the quarantine Near Miss;
- A detailed description and the impact or potential impact of the quarantine Near Miss;
- A detailed description on the cause of the quarantine Near Miss;
- Actions undertaken following the quarantine Near Miss;
- Suggested actions to prevent recurrence or to minimise current impact of Near Miss; and / or
- Any additional details (including any attachments such as photographs, notes or inspection sheets etc.).

6.4 Assurance

6.4.1 Evaluation of Compliance

The evaluation of compliance with this SCM-QP will be achieved through quarantine compliance audits undertaken by the Quadrant SCM and / or HSE department with reference to the this SCM-QP and / or the Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP WUC and their respective quarantine requirements as detailed in 'SCM-QP Quarantine Management Action Table' provided with the SCM-QP(QE-91-IQ-00189).

SCM-QP Yearly Audit

On a yearly basis Quadrant will undertake a detailed audit of the entire Quadrant supply chain from the Perth Supply Base via Dampier to the Site to verify compliance and to ascertain if the SCM-QP is being implemented by Quadrant Personnel along with Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and 3PLP with reference to their WUC.

Quadrant Supplier, Contractor (including their Sub-contractor), Consultant and / or 3PLP Quarantine Inspection

The Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP shall be prepared for a Quadrant quarantine inspection following the reporting of a non-conformance, Incident and / or Near Miss. Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP shall ensure that any evidence is readily available to Quadrant upon request during a Quarantine Inspection.

Any quarantine audits / inspections will be undertaken in accordance with the Quadrant Environmental Auditing and Inspection Procedure (EA-91-IG-003).

6.4.2 Non-conformity, Corrective and Action

The findings and recommendations of any Quadrant quarantine audits / inspections shall be documented and distributed to relevant Quadrant personnel and / or Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP for action / comments and / or close out. Quarantine audits / inspections may result in recommendations for improvement opportunities and, occasionally, non-conformities (breaches of environmental commitments, management plans, procedures or legislation).

All non-conformance corrective actions will be entered into Quadrants Enablon system by Quadrant for tracking and close-out by Quadrant SCM. Quadrant quarantine audit / inspection findings which have been entered into Enablon shall be attended to within the prescribed time frames as outline in Quadrants Hazard Reporting Incident Notification and Investigation Procedure (AE-91-IF-002).

6.5 Control of Quarantine Records

Quadrant personnel and Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP will maintain all quarantine related records required for demonstrating compliance with this SCM-QP, the QMP and any other related environmental procedures. Quarantine records will be safeguarded against accidental destruction or deterioration to ensure that they remain legible, identifiable and traceable.

If requested Quadrant Suppliers, Contractors (including their Sub-contractors), Consultants and / or 3PLP will compile relevant quarantine records and issue them via transmittal to their WUC Quadrant Representative prior to the completion of their WUC.

7. QUADRANT MANAGEMENT REVIEW

This SCM-QP shall be subject to a biennial review by Quadrant's SCM and HSE departments and if required, will be amended to reflect changes in contractual or operational requirements, to correct disparities identified during auditing and to ensure it is consistent with the conditions of various permits, approvals and licences as they are issued to Quadrant via third party stakeholders. More specifically the SCM-QP shall be reviewed and updated as necessary in response to one or more of the following events:

- Biennially;
- Changes to the categorisation of Site;
- Changes to legislation, the relevant Environmental Plans for Site;
- Revisions to Quadrant's DPaW approved QMP;

Following routine and/ or ad-hoc auditing / inspections; and / or after undertaking an actual Incident root cause analysis.

8. QUARANTINE MANAGEMENT ACTION TABLE

The required actions for each party under the Quadrant Energy Quarantine Procedure are contained within the 'Quarantine Management Action Table'. This table filters all quarantine functions and presents the relevant actions and barriers to be undertaken by the relevant party (Quadrant SCM personnel, Suppliers, Contractors (and their Sub- contractors), Consultants and 3PLP) based on the relevant supply chain vectors and pathway steps. The actions and barriers that are presented include links to any relevant documentation such as forms, checklists and inspection logs as outlined in Table 3-2 Quadrant Reference Forms and Reports.

A link to the Quarantine Management Action Table is provided below.

[SCM-QP Quarantine Management Action Table](#)