



# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15, 2021

HSSE Department

Page 1 of 16

## Eco Ports Environmental Report



Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Samhadeh	15-Sept-2021	00 22.09.2021



# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

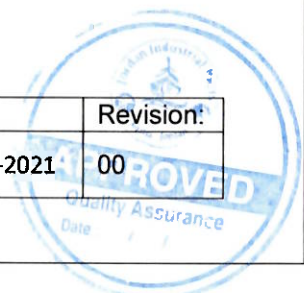
HSSE Department

Page 2 of 16

### Contents

<b>1. Introduction.....</b>	<b>3</b>
<b>2. Vision, Mission, Competences and Values .....</b>	<b>4</b>
2.1. Vision .....	4
2.2. Mission .....	4
2.3. Competencies.....	4
2.4. Values .....	4
<b>3. JIPC Services .....</b>	<b>5</b>
3.1. Material Handling .....	5
3.2. Sulphur Storage .....	5
3.3. Vessel Services.....	5
3.4. Contracts and Agreement.....	5
<b>4. JIPC's Operational Capability .....</b>	<b>5</b>
<b>5. JIPC's operational Capability / Material .....</b>	<b>6</b>
<b>6. JIPC Environmental Management .....</b>	<b>6</b>
6.1. Dedusting System .....	6
6.2. Sewage treatment unit .....	7
6.3. Rainwater Treatment Unit .....	7
<b>7. Environmental Monitoring System .....</b>	<b>8</b>
7.1. Environment monitoring system measures.....	8
<b>8. Scope of JIPC Environmental Management System .....</b>	<b>9</b>
<b>9. Our Stakeholders .....</b>	<b>9</b>
<b>10. JIPC's Reference List.....</b>	<b>9</b>
<b>11. Needs and Expectations .....</b>	<b>10</b>
<b>12. Key Personnel of Environmental Responsibilities in and related with the Port.....</b>	<b>13</b>
<b>13. Environmental Policy Statement .....</b>	<b>14</b>
<b>14. Internal and External Contact Number .....</b>	<b>16</b>
14.1. Internal contact.....	16
14.2. External Contact.....	16

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 3 of 16

### 1. Introduction

The Jordan Industrial Ports Company (JIPC) was established in 2009 with an authorized and paid capital of JD 140 million, shared equally between Arab Potash Company and the Jordan Phosphate Mines Company. Aqaba Development Cooperation granted the joint venture the right to develop, operate and upgrade the industrial ports to increase the Terminal capacity of dry and liquid bulk materials imports and exports, to cope with APC and JPMC and their affiliates for the next 30 years' expendables.

Strategically located in Aqaba, 22km south of downtown Aqaba, the Port encompasses 68,770 square meter land and 3 cargo Jetties. As Jordan's premier gateway for international fertilizer commerce offering sea and land connectivity, JIPC plays a vital role in the Jordan's economy.

The Port is committed to provide its service to customers and stakeholders through maintaining industry-leading facilities, excellence and high safety and environmental awareness.

JIPC is specialized in management and operation for loading and unloading of raw materials and finished products for the fertilizer industry, we handle dry and liquid bulks, in particular hazardous materials including Liquid Anhydrous Ammonia, which is classified as toxic and dangerous for the environment.

JIPC's main concern beside the optimum port operation is to maintain the surrounding area clean and pollution free. Our Dry Bulk Handling Lines are equipped with Dust Suppression systems. We established an Environmental Monitoring System, and we are operating Sewage and Rainwater Treatment Units.



Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 4 of 16

## 2. Vision, Mission, Competences and Values

### 2.1. Vision

To become the preferred ports management company in Jordan and the region.

### 2.2. Mission

While preserving the environment and maintaining occupational safety we provide:

- Stevedoring and material handling services to our customers,
- Maintenance services for our ports.

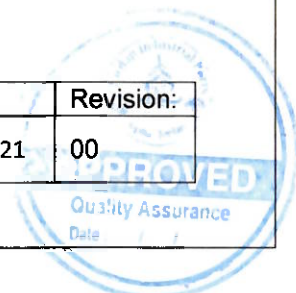
### 2.3. Competencies

- ISO Accreditation (JIPC is Accredited for 9001, 140001, 45001)
- ISPS Certified (JIPC operate under ISPS code Conditions and been certified since 2018)
- Maintenance Module (Inhouse developed maintenance system)
- Certified Port Executive (JIPC has accredited 4 Employees with CPE training course)
- Spare Parts Management (JIPC Manage spare parts using Wilson formula to address re-ordering quantities and safety stock)
- Member of Maritime Safety Committee
- Member of Chemical Hazard Assessment Committee
- Member of Maritime Security Committee
- Excellence award for occupational Safety & Health (JIPC is looking for enrollment of the award within 2021).

### 2.4. Values

- Honesty and Fairness.
- Social Responsibilities by conserving environment, respecting values of local community and creating good job opportunities for Jordanian.
- Safety oriented, protection of people and materials.

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 5 of 16

- Teamwork.
- Integrity and transparency in everything we do
- Cost consciousness

### 3. JIPC Services

#### 3.1. Material Handling

JIPC with singed D&O can handle fertilizer and raw material for fertilizer and food industry.

#### 3.2. Sulphur Storage

JIPC Owns 2 Stores with total capacity of 68,000 MT, JIPC Operation extended from unloading the vessel to emptying the stores.

#### 3.3. Vessel Services

At JIPC we provide Vessel services as per our services agreement and list such services can be, water supply, waste management.

#### 3.4. Contracts and Agreement

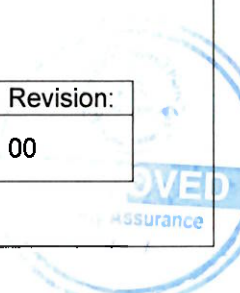
Experiences in agreement and contract drafting and negotiation.

### 4. JIPC's Operational Capability

JIPC Systems are automated (No Fuel Consumption), as per the following:

- Conveyor belt export lines with over 15 routes,
- Ship loaders (2 ThyssenKrupp, 1PHB),
- Sulphur Import Line with Siwertell Ship unloader,
- PA exporting lines (GRP & SS),
- Liquid Ammonia Import Line,
- KANON Marine loading Arms (2 PA, 1 Ammonia),
- SCADA Control system.

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00







# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 6 of 16

### 5. JIPC's operational Capability /Material

<b>Sulphur</b>	<b>Liquid ammonia</b>	<b>Muriate of potash (MOP)</b>
<b>Magnesium oxide</b>	<b>Aluminum hydrate</b>	<b>Di-ammonium phosphate (DAP)</b>
<b>Phosphoric acid (PA)</b>	<b>Industrial sodium chloride</b>	<b>Nitrogen phosphorus potassium (NPK)</b>

### 6. JIPC Environmental Management

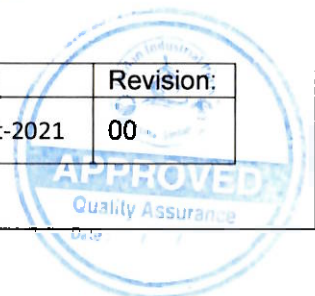
#### 6.1. Dedusting System

Ship loaders have a dedusting system, which gives zero dust discharge to the environment.

This means that no parts of the dust will fall into the sea, which will keep the sea water clean.



Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

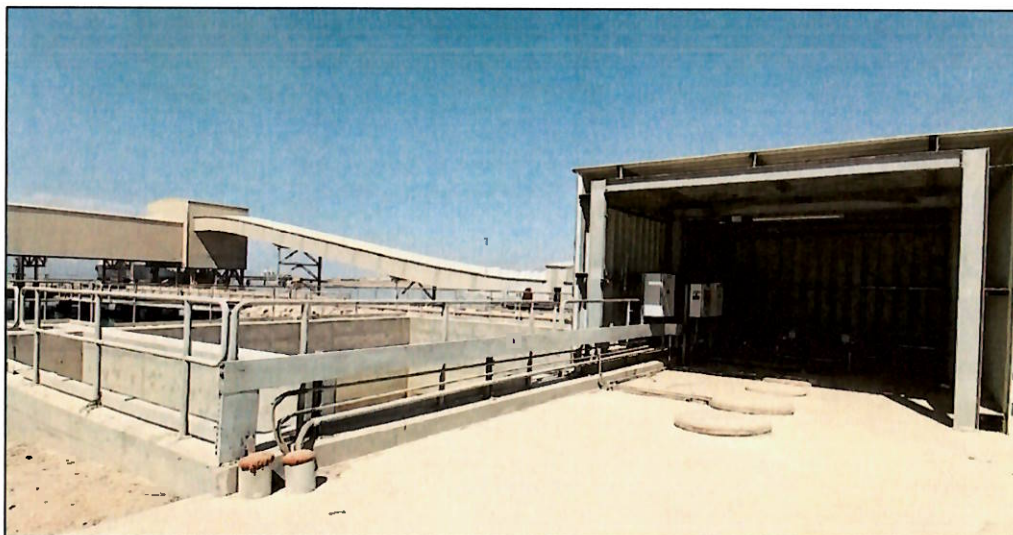
Page 7 of 16

### 6.2. Sewage treatment unit

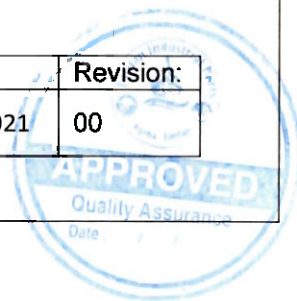
Sewage treatment approaches are aimed at reducing pollution of wastewater to the quality that is defined by law or to the concentration of pollution in effluent which will not compromise the quality of the receiving waters and cause negative effects on human health or environment.



### 6.3. Rainwater Treatment Unit



Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 8 of 16

### 7. Environmental Monitoring System

The Environmental Monitoring System gathers and records meteorological & oceanographical data from various sensors. With EMS data you can predict ship behavior which creates a safer berthing operation. Pilots and marine personnel can use the actual data and trends to make proper decisions.

#### 7.1. Environment monitoring system measures

Wind Velocity, rain, snow, hail, precipitation, relative humidity, air temperature, barometric pressure, Current Speed & Direction, Water Temperature, Water depth, Wave amplitudes, Wave periods, Tide level, Seawater temperature and Seawater weight and salinity.

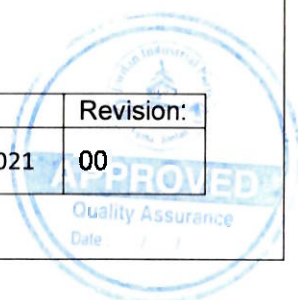


Noise Monitoring



Gas Detector (BZ1)

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00







# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 9 of 16

### 8. Scope of JIPC Environmental Management System

EMS must be applied to the entire JIPC, employees, end users, contractor and client and must be considered as a minimum requirement.



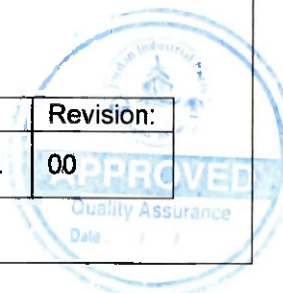
### 9. Our Stakeholders

- Jordan Phosphate Mines Company (JPMC)
- Arab Potash Company (APC)

### 10. JIPC's Reference List

- Nippon Jordan Fertilizer Company
- Aqaba Development Corporation
- Jordan Phosphate Mines Company
- Indo Jordan Chemicals Company
- Jordan India Fertilizer Company
- Arab Potash Company

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

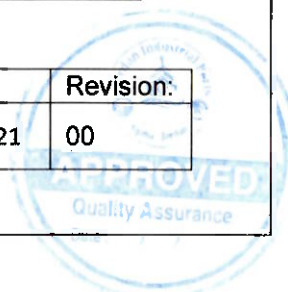
HSSE Department

Page 10 of 16

### 11. Needs and Expectations

SN	Interested Party	Needs & Expectations	Actions	Remarks
<b>External Parties</b>				
<b>1</b>	<b>Customer</b>			
1.1	User	Terminal readiness / available berth	Set high VOR/24 hrs /7 working	
		Minimize vessel time at berth	Minimize BD/zero shift change	
		Delivery on time		
		Reliability		
1.2	Vessel	Reduce the stoppages Reduce berthing period on the jetty	Preventive Maintenance. Speeding up handling process.	
<b>2</b>	<b>Neighbors and communities</b>	Social responsibility and engagement		
<b>3</b>	<b>Agents</b>	Agent satisfaction	High communication and response. Good services in reasonable time.	
<b>4</b>	<b>Providers</b>	Payment on time		
<b>5</b>	<b>Shipping companies</b>	Payment on time and upon actual weight		

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

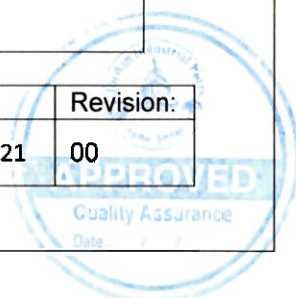
Date: Sept 15,2021

HSSE Department

Page 11 of 16

6	Suppliers	On-time P.O	Revisit process and approvals cycle	
		On-time payment	Revisit process and approvals cycle	
7	Customs Authority	Full documents for any shipment		
8	Government	Comply to their regulations and instructions		
9	Social	Donations		
		Social Involvements		
		Voluntary Contribution		
10	Legislative bodies	Comply to the regulations	Site visits, meetings, and monthly reports.	
11	Banks	Documents to be processed upon ICC / UCP and any further Central Bank legislations.		
		Documents to be fully signed from authorized persons		
12	Accreditation bodies	Comply to the standards, maintain and implement the standards	Annual and semi-annual audits	

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

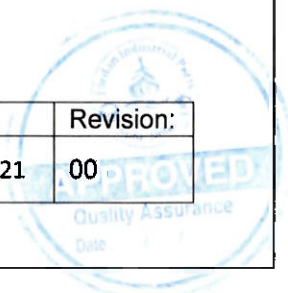
HSSE Department

Page 12 of 16

### Internal Parties

1	Employee	Incentives, promotions, benefits, raising		
		Enhance staff skills and capabilities	Training plans / cross & swap function	
		Safety at workplace		
		Salary as per benchmark in the company		
		Logistics		

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00







# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

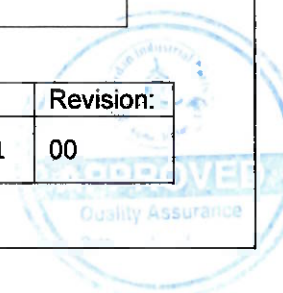
HSSE Department

Page 13 of 16

### 12. Key Personnel of Environmental Responsibilities in and related with the Port

Functions	Name	Department
Port Operations (Navigation)	Hamza Alqawasmeh	Operation
Port Operations (Shipping)	Bashar Alrababah	Operation
Port Operation (Terminals)	Hamza Alqawasmeh	Operation
Cargo Handling Operations	Hamza Alqawasmeh	Operation
Site Management	Heike Bethge	Executive Management
Strategic Planning	Maymonh Zweiri	Planning
On site Contractor Management	Ahmad Halman	HSSE
Noise Management	Alaa Hweitat	HSSE
Emergency Planning	Ahmad Halman	HSSE
Water Quality monitoring	Alaa Hweitat	HSSE
Environmental Monitoring	Alaa Hweitat	HSSE
Environmental Training	Sa'ed Hatamleh	Administration
Air Quality Monitoring	Alaa Hweitat	HSSE
Waste Management	Alaa Hweitat	HSSE
Vehicular Management of Terminal traffic/Security	Mahmoud Bani-Sakher	HSSE
Environmental Document Management	Alaa Hweitat/ Shadi Al-Khalafat	HSSE
Energy and Water Consumption Management	Alaa Hweitat	HSSE
Supplies acquisition	Tha'er Obaidat	Procurement
Maintenance	Mothana Almohaisen	Maintenance

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

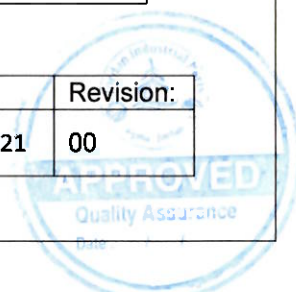
HSSE Department

Page 14 of 16

### 13. Environmental Policy Statement

Environmental Policy Statement	Environmental Policy Goals
<p>1.To commit to meet the needs and expectations of others and interested parties as well as to comply with the requirements related to our services, comply with the Environmental Laws and International Legislation in force as well as the implement an Environmental Management System to include the environmental protection in the commercial and management practices. Implement Environmental Laws and regulations, aimed at protecting the port environment and aimed at preventing pollution.</p> <p>2.To ensure compliance with the National Port Environmental Guidelines, the environmental guidelines from IMO and the World Trade Organization, among others.</p> <p>3.To provide appropriate environmental education and training, to enhance the environmental awareness and skills of our employees, to adapt their knowledge to current and future needs, in order to exercise their activities in a responsible and respectful way with the environment and always with a view to business growth to other sectors of activity.</p>	<p>1.To Carry out Regularly reviews and revisions of the Environmental Policies and the environmental Management System, considering the results of the latest research regarding the environment.</p> <p>2.To establish Response plans for any possible incidents in the Port area, thus minimizing any negative environmental impacts on the sea and land areas that may damage the marine and coastal eco-system and the environment in general,</p> <p>3.To incorporate procedures to ensure compliance with the local and national environmental Regulations in force.</p> <p>4.To provide the necessary to all employees so that they have a pro-active attitude environmental Issues.</p> <p>5.To Constantly seek port environmental improvement options by studying and analyzing more developed ports around the world using the benchmarking methodology.</p>

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 15 of 16

4.To encourage appropriate relation with the public and private sector of the port community, include consultations with local Communities, authorities, and other Relevant Stakeholders in terms of environmental issues, to promote community participation, co-create a friendly port city-environment.

5.To publish every 2 years the port's Environmental Performance on the Port's website.

6.To continual analyse the results and establishment of actions aimed at the continues improvement of the organization and other relevant Stakeholders and to contribute to it.

7.To provide, whenever Possible, appropriate resources to support research on environmental issues to port activities

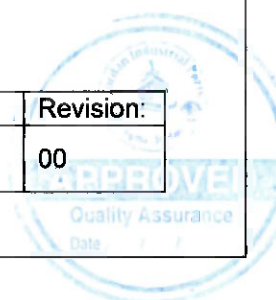
6. To improve air quality: to monitor poor air quality, enhance environmental inspection, trace pollution sources.

7.To reduce Waste: to manage port waste effectively through full implementation of waste stream recycling.

8.To develop and introduce proactive sustainable port Development strategies: to minimize the environmental impact of port development while coordinating with city development.

9.To strengthen relationships with local communities: To Establish a communication bridge between the port and the outside world to increase Port friendliness.

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00





# Jordan Industrial Ports Company

## شركة الموانئ الصناعية الأردنية

Ref.: JIPC-19-HSSE- E Rev. 00

Date: Sept 15,2021

HSSE Department

Page 16 of 16

### 14. Internal and External Contact Number

#### 14.1. Internal contact

Contact	Telephone	Name	Abr.	E-mail
General Manager	0798177773	Khaled Shihadeh	<b>K.Sh</b>	<a href="mailto:Khaled.S@jipc-jo.com">Khaled.S@jipc-jo.com</a>
HSSE Manager	0799078333	Ahmad AL Halman	<b>A.H</b>	<a href="mailto:a.halman@jipc-jo.com">a.halman@jipc-jo.com</a>
Procurement Manager	0791999191	Tha'er Obaidat	<b>Th.O</b>	<a href="mailto:t.obaidat@jipc-jo.com">t.obaidat@jipc-jo.com</a>
Operation Section Head	0799062444	Hamza Alqawasmeh	<b>H.Q</b>	<a href="mailto:h.alqawasmeh@jipc-jo.com">h.alqawasmeh@jipc-jo.com</a>
Terminal Manager	0797333433	Heike Bethge	<b>H.B</b>	<a href="mailto:h.bethge@jipc-jo.com">h.bethge@jipc-jo.com</a>

#### 14.2. External Contact

Contact	Telephone	Name	Abr.
Marine Manager (APMSCO)	0791698787	Zafer Freyhat	<b>Z.F</b>
Harbor Master	0799907800	Captain Waddah	<b>W.H</b>
Prince Hamza Center: pollution Prevention	0775463894	-	-
Jordan Maritime Authority	0799067447	Eng.Mohammad ALashaal	<b>M.A</b>
Royal Navy	032012407	-	-

Title:	Author:	Authorized:	Dated:	Revision:
Environmental Report	Alaa Hwaitat Mr. Ahmad Halman	Eng. Khaled Shihadeh	15-Sept-2021	00

