

**DECISION**

**Rev: Approving the environmental impact assessment report of the Project "Dung Quat Industrial Urban Area (phase 1)" in Binh Thanh commune, Binh Son district, Quang Ngai province.**

**MINISTER OF NATURAL RESOURCES AND ENVIRONMENT**

*Pursuant to the Law on Environmental Protection dated June 23, 2014;*

*Pursuant to Decree No. 36/2017/ND-CP dated April 4, 2017 of the Government on defining the functions, tasks, powers and organizational structure of the Ministry of Natural Resources and Environment,*

*Pursuant to Decree No. 40/2014/ND-CP dated May 13, 2019 by the Government on amending and supplementing a number of articles of decrees detailing and guiding the implementation of the Law on Environmental Protection,*

*Pursuant to Decree No. 18/2015/ND-CP dated February 14, 2015 of the Government on environmental protection planning, strategic environmental assessment, environmental impact assessment and environmental protection planning;*

*Pursuant to Circular No. 25/2014/TT-BTNMT dated December 31, 2019 of the Minister of Natural Resources and Environment on detailing the implementation of a number of articles of the Government's Decree No. 40/2014/ND-CP dated May 13, 2019 on amending and supplementing a number of articles of decrees detailing and guiding the implementation of the Law on Environmental Protection and the regulation on management of environmental monitoring services;*

*At the proposal of the Chairman of the Appraisal Committee of environmental impact assessment report of the Project "Dung Quat Industrial Urban Area (phase 1)" meeting on November 19, 2019;*

*Considering the content of the environmental impact assessment report of "Dung Quat Industrial Urban Area Project (phase 1)" amended and supplemented together with Document No. 24-20/CV-HTD dated March 26, 2020 of Hoang Think Dat Joint Stock Company;*

*At the proposal of the Director General of Vietnam Environment Administration.*

**DECIDES:**

**Article 1.** Approving the content of the environmental impact assessment report of the project "Dung Quat Industrial Urban Area (phase 1)" (hereinafter referred to as the Project) of Hoang Think Dat Joint Stock Company (hereinafter referred to as Project Owner), which is implemented in Binh Thanh Commune, Binh Son District, Quang Ngai Province with the main contents in the Appendix issued together with this Decision.

**Article 2.** Project owner is responsible for:

1. Posting up decisions on approval of environmental impact assessment report according to the regulation of the Law (excluding no consultation).
2. Strictly implementing the contents of the approved environmental impact assessment report in Article 1 of this Decision.

**Article 3.** The decision to approve the environmental impact assessment report of the Project is a basis for competent state agencies to check, inspect and supervise the implementation of environmental protection requirements of the Project.

**Article 4.** This Decision takes effect from the date of signing./.

***Recipients:***

- Hoang Thinh Dat Joint Stock Company;
- Minister Tran Hong Ha (to report)
- People's Committee of Quang Ngai Province
- Department of Natural Resources and Environment
- Save: VT, VPMC, TCMT (03), L (12).

**MINISTER**  
**DEPUTY MISTER**  
*(Signed and sealed)*

**Vo Tuan Nhan**

## Appendix

### THE CONTENTS AND REQUIREMENTS OF ENVIRONMENTAL PROTECTION OF PROJECT “DUNG QUAT INDUSTRIAL URBAN AREA (PHASE 1)”

*(Attached to Decision No. 1027/QĐ-BTNMT dated May 04, 2020 of Minister of Natural  
Resources and Environment)*

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#### 1. Project Information

- Project name: “Dung Quat Industrial Urban Area (Phase 1)”.
- Location: Binh Thanh commune, Binh Son district, Quang Ngai province.
- Owner: Hoang Thinh Dat Joint Stock Company
- Address: 9th Floor, Veam Tay Ho Building, Lot D, Area D1, Phu Thuong Ward, Tay Ho District, Hanoi City.

1.1. Scope, size, capacity of Project: Investment in building the infrastructure of Dung Quat Industrial Urban Area (phase 1) with an area of 319 hectares (including phase 1A with an area of 151,44 hectares and phase 1B with an area of 167,56 hectares) in Binh Thanh commune, Binh Son district, Quang Ngai province. The main items of the project include:

+ Clearance, ground filling, construction of roads system, water and electricity supply systems, communication systems, trees, rainwater and sewage collection systems.

+ Centralized wastewater treatment system with a capacity of 19,500 m<sup>3</sup>/day and night with 4 modules, each module with a capacity of 4,875m<sup>3</sup>/day and night.

+ Incident lake of the centralized wastewater treatment system with a capacity of 63,500m<sup>3</sup>.

1.2. The scope of this environmental impact assessment report does not include the following activities: surface water and groundwater exploitation serving the construction and operation phase of the Project; exploitation and transportation of filling materials.

#### 1.3. Types of industries attracting investment into the Industrial Area:

- Manufacturing and assembling electric, electronic and telecommunication equipment.
- Manufacturing and assembling cars and aircraft components.
- Manufacturing medicine, pharmaceutical chemicals and pharmaceuticals,
- Manufacturing chemicals and chemical products.
- Manufacturing and processing food and beverages.
- Manufacturing leather and related products.
- Textile industry

- Mechanical industry
- Processing and manufacturing industry
- Light and supporting industry

## **2. The main impacts of environment and waste arising from the Project**

### 2.1. The main impacts of environment of the Project

#### 2.1.1. The main impacts of environment of the Project during construction phase

- Domestic wastewater arising from living activities of construction workers.
- Construction waste water arising from the process of mixing concrete, moistening materials, cleaning tools, equipment and machinery.

- Dust and emissions arising from the ground filling process; activity of construction machinery and equipment; metal welding and cutting activities; asphalt-covered activity.

- Domestic solid waste arising from living activities of construction workers, construction solid waste, and hazardous waste arising from construction process.

#### 2.1.2. The main environmental impacts of the Project during the operation phase:

- Domestic wastewater arising from administrative works, services, industrial park operating building and from factories in Industrial Park, production wastewater arising from factories in the Industrial Park.

- Dust and emissions arising from the production process of factories in the Industrial Park; odor from the wastewater treatment system, and the solid waste storage area of the Industrial Park.

- Common domestic wastes, industrial solid wastes, hazardous wastes arising from living activities, from the production process of factories in the Industrial Park.

### 2.2. Scale and characteristics of wastewater:

#### 2.2.1. Scale and characteristics of wastewater during construction phase:

- Domestic wastewater arising from activities of construction workers is about 7,2m<sup>3</sup>/day and night. Pollution parameters: suspended solids (SS), BOD, COD, nitrogen (N), phosphorus (P), coliform, etc.

- Construction wastewater arising from the construction process is about 10m<sup>3</sup>/day and night. Pollution parameter: suspended solids (SS), grease.

#### 2.2.2. Scale and characteristics of wastewater during operation phase:

- Domestic wastewater arising from administrative works, services, industrial park operating building and from factories in Industrial Park is about 3.763 m<sup>3</sup>/day and night. Pollution parameters: suspended solids (SS), BOD, COD, nitrogen (N), phosphorus (P), coliform, etc.

- Production wastewater arising from factories in the Industrial Park is about 13.564 m<sup>3</sup>/day and night. Pollution parameters: suspended solids (SS), color level, BOD, COD, nitrogen (N), phosphorus (P), grease, metal dust, etc.

### 2.3. Scales and characteristics of dust and emissions:

#### 2.3.1. Scales and characteristics of dust and emissions during construction phase:

- Dust and emissions arising from the ground filling process. Pollution parameters: dust, SO<sub>2</sub>, NO<sub>x</sub>, CO, VOC, PM<sub>2,5</sub>, etc.

- Dust and emissions arising from activity of construction machinery; metal welding and cutting activities. Pollution parameters: dust, SO<sub>2</sub>, NO<sub>x</sub>, CO<sub>x</sub>, CO, VOC, etc.

- Dust and emissions arising from asphalt-covered activity. Pollution parameters: dust, SO<sub>2</sub>, NO<sub>x</sub>, CO<sub>x</sub>, total Hydrocarbon, etc.

#### 2.3.2. Scales and characteristics of dust and emissions during operation phase:

- Dust and emissions arising from the activities of factories in the Industrial Park. Pollution parameters: dust, SO<sub>2</sub>, NO<sub>x</sub>, CO, VOC, etc.

- Emissions arising from the wastewater treatment system. Components: H<sub>2</sub>S, CO<sub>2</sub>, CH<sub>4</sub>, mercaptane, etc.

### 2.4. Scales and characteristics of common industrial solid wastes:

#### 2.4.1. Scales and characteristics of common industrial solid wastes during construction phase:

- Domestic solid waste arising from living activities of construction workers is about 96 kg/day, including all kinds of packaging, beverage cans, food containers, leftovers, etc.

- Solid waste arising from construction activities with a volume of about 12m<sup>3</sup>/month, including all kinds of waste such as rocks, broken bricks, cement packaging, scrap iron and steel, etc.

#### 2.4.2. Scale and properties of common industrial solid waste in operation phase:

- Domestic solid waste arising from living activities of employees with a volume of about 8,5 tons/day, including types of packaging, beverage cans, food containers, leftovers, etc.

- Non-hazardous solid waste arising from production activities with a volume of about 23 tons/day, including low-quality products, plastic, wire covers, packaging, agricultural wastes, food, discarded materials, etc.

#### 2.5. Scale and characteristics of hazardous waste:

##### 2.5.1. Scale and characteristics of hazardous waste in the construction phase:

- Hazardous waste arising from the construction process is mainly from grease with a volume of about 684 liters/maintenance (1 year for 4 times maintenance); greasy rags, grease-free damaged parts have significant volume.

##### 2.5.2. Scale and characteristics of hazardous waste in the operation phase:

- Hazardous waste arising from production activities with a volume of 3,5 tons/day, including: electronic circuit scrap, low-quality products, greasy rags, oil waste, solvent containers, paint cans, fluorescent light bulbs waste, print cartridges, chemical packaging, sludge after wastewater treatment process, etc.

### **3. Works and measures to protect environment of the Project:**

#### 3.1. Works and measures to protect environment of the Project during construction phase:

##### 3.1.1. For wastewater collection and treatment:

- Technological process of collecting and treating construction wastewater is as follows:
  - + Construction water waste → HDPE ditches or sewers with a diameter of D300 → sediment tank with geotextile fabric to remove sediment → Oil lever to separate grease from water waste → Drain into natural canals and ditches near the construction site.

- Technological process of collecting and treating domestic wastewater of construction workers is as follows: domestic wastewater → portable toilets → hire a unit with collection and treatment functions. After finishing the construction, it will be dismantled as prescribed.

- Environmental protection requirements: Collecting and treating all domestic waste water arising during the construction process to meet QCVN 14:2008/BTNMT - National technical standard on domestic wastewater, column A, K = 1,2 before draining into the receiving source.

##### 3.1.2. Dust and emissions treatment:

- Shielding in the places where construction is carried out.
- Watering to create humidity on the ground in the place arising dusts.
- Using standardized equipment and machinery; regular equipment maintenance.

Requirement of environmental protection: Comply with QCVN 05:2013/BTNMT - National technical standard on ambient air quality.

3.1.3. Works and measures for collection, storage, management, and treatment of solid wastes:

- Arranging domestic solid waste bins in the workers' camps and the project's operating building.
- Arranging a temporary storage of solid waste arising during construction. After finishing, the work will be dismantled as specified.
- Domestic solid waste and solid waste arising during construction shall be collected and signed a contract with the unit with the function of transporting and treating according to regulations.
- Requirements on environmental protection: Collecting and treating domestic wastes and common industrial solid wastes arising during the project's construction process to ensure requirements on safety and environmental sanitation. According to the Government's Decree No. 38/2015/ND-CP dated April 24, 2015 on waste and scrap management and the Government's Decree No. 40/2019/ND-CP dated May 13, 2019 on amending and supplementing a number of articles of decrees detailing and guiding the implementation of the Law on Environmental Protection.

3.1.4. Works and measures for collection, storage, management and treatment of hazardous wastes:

- Arranging temporary hazardous waste containers and collecting them into temporary hazardous waste storage areas with an area of 30-40 m<sup>2</sup> with separate storage compartments for each type (hazardous waste storage must meet the technical requirements prescribed in Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of The Minister of Natural Resources and Environment on hazardous waste management), signing a contract with a unit with transporting and treatment functions in accordance with regulations. After finishing, the work will be dismantled as prescribed.
- Requirements on environmental protection: Collecting and treating hazardous waste arising during the project's construction process to ensure the requirements on safety and environmental sanitation under the provisions of Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of Minister of Natural Resources and Environment on hazardous waste management.

3.1.5. Measures to minimize noise, vibration and other pollution:

- Using standardized equipment, machinery, regular maintenance, maintenance of equipment, installation of noise reduction equipment and machinery with high noise level, no construction at night and lunch break.

- Environmental protection requirements: Compliance with QCVN 26:2010/BTNMT - National technical standard on noise, QCVN 27:2010/BTNMT - National technical standard on vibration and other relevant current environmental standards, ensuring safety and environmental sanitation conditions during the operation of the Project.

### 3.2. Works and environmental protection measures of the Project during operation:

#### 3.2.1. For the collection and treatment of wastewater:

- The technological process of collecting and treating wastewater of the Project is as follows:

- + All wastewater arising during the operation of Dung Quat Industrial Urban Area (phase 1) (including domestic and production wastewater) collected to the centralized wastewater treatment system of the Industrial Park with a capacity of 19,500m<sup>3</sup>/day and night (including 4 modules, each module has capacity of 4,875 m<sup>3</sup>/day and night) to treat according to the standard before draining into environment.

- + HDPE sewer collection pipes with diameter of D300mm, D400mm and D800mm with lengths of 5,501m, 1,872m and 1,365m. On the axes arranged visiting stations with a total of 270 visiting stations. The waste water drainage system is designed to run along the industrial park's roads, directing water towards the concentrated waste water treatment station of the industrial park. Arranging 03 pumping stations and 1 forced pumping station to centralized wastewater treatment stations.

- + Wastewater treatment technology process is as follows: Waste water input → waste water collection tank → Garbage crystal separator → sand and oil separation tanks → air tank → adjusting pH tank → flocculation tanks → Physicochemical sedimentation tank → anoxic tank → aeration tank → reaction tank 1 and 2 → biological sedimentation tank → disinfection tank → monitoring well → biological lake → receiving source.

- + An incident lake with a capacity of 63,500m<sup>3</sup> is built on the premises of a concentrated wastewater treatment plant and is lined with HDPE or geotextile to store wastewater in case concentrated waste water treatment station had a problem.

- Continuous operation mode.
- Requirements for environmental protection:

- + Collecting and treating all waste water arising during the operation of the Project and projects invested in Dung Quat Industrial Urban Area (phase 1) meeting QCVN 40:2011/BTNMT - National technical standard on industrial wastewater, column A with coefficients  $K_q = 0.9$ ;  $K_f = 0.9$  before draining into Ong Co lake leading to Tra Bong river.



+ Installation of automatic, continuous wastewater monitoring system in front of the outlet into the environment (including automatic, continuous monitoring equipment and automatic sampling equipment), with surveillance cameras and data transmitters directly to the Department of Natural Resources and Environment of Quang Ngai province in accordance with the law. The parameters of automatic and continuous monitoring of wastewater include: input and output flow, pH, temperature, TSS, color temperature, COD, Ammonium, Total Nitrogen, Total Phosphorus,

+ Wastewater monitoring system automatically, continuously, having surveillance cameras, must be tested and calibrated according to the provisions of law on science and technology, standards, measurement and quality.

+ Agreement on requirements for waste water of investment projects in Dung Quat industrial urban area (phase 1) before being draining into the concentrated waste water treatment system through the contract of responsibility and establishment of a system of control of wastewater sources connected to the centralized wastewater treatment system of this industrial urban area.

3.2.2. For dust and emissions treatment:

- Member factories in Dung Quat industrial urban area (phase 1) must treat emissions based on prescribed standards according to the contents of environmental impact assessment reports or Environmental protection plans are approved individually for each factory.

3.2.3. Works and measures for collection, storage, management and disposal of common industrial solid wastes:

- Arranging domestic solid waste bins along the sidewalks to store domestic solid waste.  
- A common industrial solid waste storage area of 100 m<sup>2</sup> with separate storage compartments.

- Domestic wastes and common industrial solid wastes arising from member factories in Dung Quat industrial urban area (phase 1) by member factories self-contracting with full units for collecting, transporting and handling functions in accordance with current law. For domestic solid waste and common industrial solid waste arising from the operation of the centralized management, operation area, wastewater treatment stations, operating centers and service works of Dung Quat industrial urban areas (phase 1) is signed by the Industrial Zone Infrastructure Management Board with a functional unit to collect, transport and handle it in accordance with regulations.

- Frequency of collection, transportation and treatment:

+ Domestic waste: once a day.

+ Ordinary industrial solid waste: 01 week/time.

- Environmental protection requirements: Collecting and treating domestic wastes and common industrial solid wastes arising during the implementation of the Project ensure requirements on safety and environmental sanitation. According to the Government's Decree No. 38/2015/ND-CP dated April 24, 2015 on waste and scrap management and the Government's Decree No. 40/2019/ND-CP dated May 13, 2013 on amending and supplementing a number of articles of the decrees detailing and guiding the implementation of the Law on Environmental Protection.

3.2.4. Works and measures for collection, storage, management and treatment of hazardous wastes:

- Arranging temporary hazardous waste containers and collect them to a hazardous waste storage area of 100 m<sup>2</sup> including separated storage compartments for each type (hazardous waste storage must meet the technical requirements under the Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of the Minister of Natural Resources and Environment on hazardous waste management).

- Hazardous wastes generated from member factories in Dung Quat Industrial Urban Area (phase 1) by member factories self-contracting with units with full collection, transportation, handling in accordance with current law. For hazardous waste generated from the operation of the central area of management, administration, waste water treatment station, operating center and service works of Dung Quat Industrial Area (phase 1) by the Board Infrastructure Management The industrial park has signed a contract with a functional unit to collect, transport and handle it in accordance with regulations.

- Frequency of collection, transportation and treatment: 01 month/time.

- Requirements on environmental protection: Collecting and treating hazardous wastes generated during the implementation of the Project to ensure the requirements of safety and environmental sanitation under the provisions of Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of the Minister of Natural Resources and Environment on hazardous waste management.

3.2.5. Measures to minimize noise, vibration and other pollution:

- Take measures to minimize noise and vibration: The member factories in Dung Quat Industrial Urban Area (phase 1) must apply noise and vibration reduction measures up to the standards prescribed in the environmental impact assessment reports or approved environmental protection plans for each factory,

- Rainwater collection network: rainwater in the whole Dung Quat industrial urban area (phase 1) is collected into the concentrated rainwater drainage system of the Industrial Park, divided into 2 main basins: one collection direction to the East of the Project and drainage to

Ong Co ditch leading to Tra Bong River, a collection direction to the North to the sea through a new construction ditch.

- Requirements for environmental protection:

- + Compliance with QCVN 26:2010/BTNMT - National technical standard on noise, QCVN 27:2010/BTNMT - National technical standard on vibration and other relevant current environmental standards, ensuring safety and environmental sanitation conditions during the operation of the Project.

- + Planting trees to ensure a minimum rate of 10% in accordance with regulations

- + Connecting and operating the network of rainwater collection and drainage to ensure the requirements of water drainage and environmental sanitation conditions during the operation of the Project.

3.2.6. Works, measures to prevent and respond to environmental incidents:

- Planning to prevent and respond to incidents of wastewater treatment systems: To build a fault lake with a capacity of 63,500 m<sup>3</sup> to store wastewater in case the centralized wastewater treatment system has a problem and pump back to meet the prescribed standards before draining to the receiving source.

- Planning to prevent and respond to incidents of emissions treatment system: member factories in Dung Quat Industrial Urban Area (phase 1) must apply the system incident prevention and response to incidents of emissions treatment system according to the content of environmental impact assessment report or environmental protection plan approved separately for each factory.

- Planning to prevent and respond to incidents for solid waste and hazardous waste storage areas: The waste storage area is divided into many different storage areas with appropriate distances to minimize the reaction ability between types of waste leading to fire and explosion incidents, storage areas are equipped with warning signs as prescribed.

- Planning to prevent and respond to incidents of water supply and drainage pipes; do not build constructions on water pipelines, regularly check and maintain joints and locking valves on pipelines to ensure safety and reach the durability and tightness of all pipelines.

- Fire prevention: install a fire alarm system, fire protection system, fire prevention equipment suitable to the nature and characteristics of the factory, ensure the quality and operate according to approved authorized planning and standards for fire safety.

#### **4. List of major environmental protection works of the Project:**

- Centralized wastewater treatment system with capacity of 19.500 m<sup>3</sup>/day and night with 04 modules, each with capacity of 4.875 m<sup>3</sup>/day and night.
- Incident lake with a capacity of 63.500 m<sup>3</sup>.
- A common industrial solid waste storage area of 100 m<sup>2</sup>.
- Hazardous waste storage area of 100 m<sup>2</sup>.

## **5. Program of management and environmental monitoring of the Project Owner:**

### 5.1. Environmental management and supervision program in construction phase:

#### 5.1.1. Wastewater monitoring program:

- Frequency of monitoring: every 3 months.
- Supervision position: under contract with wastewater collection and treatment units.
- Monitoring criteria: BOD, TSS, TDS, sulfide, ammonium, nitrate, animal and vegetable fats and oils, total surfactants, phosphates, coliform.

- Comparative standards: QCVN 14:2008/BTNMT, column A, K = 1,2.

#### 5.1.2. Monitoring program for solid waste and hazardous waste:

- Frequency of monitoring: regular and continuous.
- Locations for monitoring areas for domestic solid waste, ordinary industrial solid wastes and hazardous wastes.

- Monitoring parameters: volume, type and invoice, waste delivery and receipt documents.

- Applicable regulations: Decree No. 38/2015/ND-CP dated April 24, 2015 of the Government on management of waste and scrap, Decree No. 40/2014/ND-CP dated May 13, 2019 of The Government on amending and supplementing a number of articles of the decrees detailing and guiding the implementation of the Law on Environmental Protection and Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of the Minister of Natural Resources and Environment on hazardous waste management.

### 5.2. Environmental management and monitoring program in operation phase:

#### 5.2.1. Wastewater monitoring program:

\*/ Automatic and continuous wastewater monitoring (monitoring during the test operation and commercial operation stages): Perform automatic, continuous wastewater monitoring at the door communes go out to the environment and transmit data directly to the Department of Natural Resources and Environment of Quang Ngai province in accordance with the law. The parameters of automatic and continuous monitoring of wastewater include: input and output flow, pH, temperature, TSS, color temperature, COD, Ammonium, Total Nitrogen, Total Phosphorus.

\* / Monitor wastewater during the test operation phase:

- Monitoring location: 01 input point and 01 output point of centralized wastewater treatment system before draining to the environment.
- Monitoring criteria: Temperature, color, pH, BOD<sub>5</sub>, COD, TSS, As, Hg, Pb, Cd, Cr<sup>3+</sup>, Cr<sup>6+</sup>, Cu, Zn, Ni, Mn, Fe, total Phenol, total cyanide, total Nitrogen, total Phosphorus, Sulfide, Fluoride, Ammonium, Residual chlorine, total mineral grease, total chlorine organic pesticides, total organic phosphorus and Coliform plant protection chemicals.
- Monitoring frequency: 01 month/1 time.
- Comparative standard: QCVN 40:2011/BTNMT column A, with K<sub>q</sub> = 0,9, K<sub>f</sub> = 0,9.

\* / Periodic monitoring of wastewater in the commercial operation phase:

- Monitoring position: 01 input point and 1 output point of the concentrated wastewater treatment system in front of the door draining into the environment.
- Monitoring criteria: Temperature, color, pH, BOD<sub>5</sub>, COD, TSS, As, Hg, Pb, Cd, Cr<sup>3+</sup>, Cr<sup>6+</sup>, Cu, Zn, Ni, Mn, Fe, total Phenol, total cyanide, total Nitrogen, total Phosphorus, Sulfide, Fluoride, Ammonium, Residual chlorine, total mineral grease, total chlorine organic pesticides, total organic phosphorus and Coliform plant protection chemicals.
- Monitoring frequency: 03 months/1 times.
- Comparative standard: QCVN 40:2011/BTNMT column A, with K<sub>q</sub> = 0,9, K<sub>f</sub> = 0,9

#### 5.2.2. Monitoring program for solid and hazardous wastes:

- Frequency of monitoring: regular and continuous.
- Monitoring position: storage area of domestic solid waste, common industrial solid waste, hazardous waste.
- Monitoring parameters: volume, types and invoices, waste delivery and receipt documents.
- Applicable regulations: Decree No. 38/2015/ND-CP dated April 24, 2015 of the Government on management of waste and scrap, Decree No. 40/2014/ND-CP dated May 13, 2019 of The Government on amending and supplementing a number of articles of the decrees detailing and guiding the implementation of the Law on Environmental Protection and Circular No. 36/2015/TT-BTNMT dated June 30, 2015 of the Minister of Natural Resources and Environment on hazardous waste management.

### **6. Conditions related to the environment:**

6.1. Implement the Project only after it is permitted by the competent State agency to change the land use purpose into industrial land as prescribed by law.

6.2. Investment projects implemented in Dung Quat Industrial Urban Area (phase 1) must be approved with environmental documents according to current law provisions.

6.3. Contract with functional units conducting bomb, mine and explosive detection in the Project area; compensation, site clearance and conversion of land use purpose in accordance with current law.

6.4. Establish a management model and ensure financial resources so that the project's environmental protection works are maintained and operated effectively.

6.5. Comply with the Government's Decree No. 82/2018/ND-CP dated May 22, 2018, regulating the management of industrial parks and economic zones and current relevant legal documents in the process of implementing the Project.

6.6. Comply with the Ministry of Natural Resources and Environment's Circular No. 35/2015/TT-BTNMT dated June 30, 2015 on environmental protection of economic zones, industrial parks, processing zones and hi-tech parks in the process of implementing the Project.

6.7. Comply with Decree No. 43/2015/ND-CP dated May 6, 2015 of the Government specifying the establishment and management of water source protection corridors.

6.8. Comply with the requirements of water drainage, labor safety, industrial hygiene, fire and explosion prevention and fighting, chemical safety during project implementation according to current law provisions.