

ANTALYA SLUDGE INCINERATION AND ENERGY RECOVERY PROJECT

**HURMA WASTE SLUDGE INCINERATION AND
ENERGY RECOVERY PLANT**

ENVIRONMENT AND SOCIAL MANAGEMENT PLAN

**QUARTERLY ENVIRONMENT AND SOCIAL IMPACTS
MONITORING REPORT**

XXX-XXX-XXX

2021

1. INTRODUCTION

Quarterly Monitoring Report, within the scope of Contract No:..., covers the environmental and social impacts that may occur during the construction phase, the measures taken to reduce these impacts, the measurement and evaluation of environmental and social parameters, taking into account the environmental impacts and all parameters.

Quarterly Monitoring Report covers the period of xxx-xxx-xxx and the Contract No:....has environmental and social impact observations for the Construction.

Construction progress where the are carried out within the quartely period are shown in Table-1.

**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

Table-1. Construction Progress

**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

Parameter	Phase	Type of Effect	Significance of Effects	Where the parameters shall be monitored?	How shall the parameters be monitored?	When shall the parameters be monitored?	Institutional Responsibility
Excavation Waste	Construction	Negative/ Direct/avoidable/temporary	Low	At the excavation area and by following truck which are used for materials transportation and Storage areas	- visual observation - Quantity of excavated materials refilled, stored and disposed.	By daily records during the construction period.	Contractor, ALDAŞ, ASAT
Solid Pollution	Construction	Negative Direct/avoidable/temporary	Low	construction site	Sampling/Analysis	Before the start of the land preparation and construction phase	Contractor, Site ALDAŞ, ASAT
Wastes	Construction	Negative Direct/avoidable/temporary	Low	Construction site, storage areas, and site office	- visual observation - waste records - Field inspection	By daily records during the construction period.	Contractor, ALDAŞ, ASAT
Wastewater	Construction	Negative Direct/avoidable/temporary	Low	In the construction site and site office in general	recording of wastewater receipts if the site office is connected to the existing wastewater network (or recording of wastewater vacuum truck transportation receipt)	On the daily basis records during the construction period.	Contractor, ALDAŞ, ASAT
Air Quality	Construction	Negative Direct/avoidable/temporary	Low	The closest sensitive area and settlements	sampling and analyses of PM 10 and settling dust	During the construction phase, quarterly	Contractor, ALDAŞ, ASAT
Noise	Construction	Negative	Medium	In construction site where work machines work extensively	By measuring the noise levels with portable devices, especially in areas where machines work extensively.	Monthly during the construction phase.	Contractor, ALDAŞ, ASAT

**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

Healty and Security	Construction	Negative Direct/avoidable/permanent	Low	Construction site and office.	• By the controlling of security sign boards and safety barriers during the site works. • By checking whether the speed limits of work machines and trucks are complied with, • By checking whether workers health and safety equipment (earplugs, eyeglasses, safety boots, etc.) are used, • By checking work conditions in the construction site, • By following the trainings given to the personnel by the contractor, • It will be checked wheter or not the contractor inform the residents about the work site, targeted start and end date, contact person in case of emergency • Within Covid-19 Epidemic Measures, which is declared as a pandemic by the World Health Organization;	daily during the construction phase.	Contractor, ALDAŞ, ASAT
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**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

					○ Having a maximum of 3 people including the driver in passenger vehicles, and necessity to wear a mask in vehicles with more than one person ○ Entering and exiting the construction site with the individual HES codes obtained through the "Hayat Eve Sığar (HES) application implemented by the Ministry of Health, ○ Measuring fever with a thermometer at entrances to the construction site, ○ It is mandatory to wear a personal protective mask in the construction site, ○ Taking all relevant measures and measures announced by the Ministry of Health regarding the Covid-19 Epidemic, ○ Informing all personnel and ensuring		
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**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

					compliance with the measures by authorized persons, ○ Regular follow-up of these measures, ○ Creating the relevant documentation to convey information related to the follow-up ○ Adequate ventilation in public areas such as dormitories, dining halls and social facilities, ○ Paying attention to the protection of social distance in public areas such as dormitories, dining halls, social facilities, shuttle transportation and transportation, if the volumes are insufficient, switch to shift meals without interrupting the business plan in order to maintain social distance in dining halls ○ The prohibition of entrances to the back of the kitchen (cooking)		
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**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

					and food distribution stand, except for the personnel who take necessary hygiene measures, ○ To move on to the next shift after cleaning all places where there is human contact, such as tables, chairs, etc. ○ Prohibiting the use of common materials in dormitories, dining halls, social facilities and ensuring the use of personal materials (paper towels, disposable cups, liquid soap dispensers, packaged salt / sugar / spices, packaged bread, etc.), ○ Providing daily disinfection of public areas,		
Traffic	Construction	Negative Direct/avoidable/temporary	Low	On roads near the construction works	• With the monitoring of the road closing and route permission and route chart drawing, • Safety precautions for road closure and routing,	Daily during the construction stage	Contractor, ALDAŞ, ASAT

**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

					with the relevance of traffic signs and signs. • The operations, which will be carried out for the purpose of traffic routing, will be controlled on site, • In the construction site, pedestrian crossings along with pedestrian areas will be checked to ensure that they are safe and adequate.		
Grievance	Construction	Negative / Positive / Direct/avoidable/temporary	Medium	Site Office	• Grievance Records	Upon complaint from the beginning of the project	Contractor, ALDAŞ, ASAT
Social Relations	Construction	Negative Direct/avoidable/permanent	Medium	Site Office	• Complaint records • Disputes with security personnel and Project staff	Upon complaint from the beginning of the project construction phase	Contractor, ALDAŞ, ASAT
stakeholder engagement	Construction	Positive Direct/avoidable/permanent	Medium	Site Office	• attendance records	After each participation from the beginning of the project	Contractor, ALDAŞ, ASAT
Labor	Construction	Negative / Positive Direct/avoidable/permanent	Medium	Site Office	• Employment records • Grievance records	Quarterly	Contractor, ALDAŞ, ASAT

2. GRIEVANCES

Grievance, wishes and requests from construction works are performed are indicated in Table-2. The "Complaint Forms" of the complaints presented in Table-2 are included in Annex-VII.

Table-2 Grievance/Wishes/Requests From Construction Areas

	TYPE OF APPLICATION (Grievance/Wish/Request etc.)	RELEVANT PROJECT NAME	COMPLAINT DATE	PLACE OF COMPLAINT	COMPLAINANT	SUBJECT of COMPLAINT	DETAILS of COMPLAINT	ANSWERS or ACTIONS	STATUS of COMPLAINTS (Closed / open)
1	Sample; GRIEVANCE	ASAT/W3	02.08.2021	Fevzi Çakmak Neighbourhood 6195 Street	Citizen	Excavation Work	It was reported that construction machine damaged the garden wall during excavation work.	05.08.2021– The damaged garden wall was repaired. .	Completed.

**Quarterly Environment and Social Impacts Monitoring Report for
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SAMPLE GRIEVANCE AND GRIEVANCE CLOSE OUT FORM

Grievance Form

Reference No		
Name – Surname <i>The complainant shall hold the right to remain anonymous</i> <i>(Although giving name and address is not compulsory, it should be kept in mind that during the feedback process regarding the grievance some problems may occur due to lack of information)</i>		
Please mark how you wish to be contacted	Please provide details for your preferred communication	
E-mail		
Telephone		
Mail		
Other		
Province/Town/Settlement		
Date		
Category of the Grievance		
1. On assets/properties impacted by the project		
2. On infrastructure damages (roads , sewage system or water resources etc)		
3. On decrease or complete loss of sources of income		
4. On environmental issues (ex. pollution)		
5. On employment process		
6. On traffic, transportation and other risks		
7. Other (Please specify):		
Description of the Grievance What did happen? When did it happen? Where did it happen? What is the result of the problem?		
What would you like to see happen to resolve the problem?		

Signature:

Date:

**Quarterly Environment and Social Impacts Monitoring Report for
Hurma Waste Sludge Incineration and Energy Recovery Project (xxx-xxx-xxx 2021)**

Grievance Close Out Form

Grievance closeout number:	
Define immediate action required:	
Define long term action required (if necessary):	
Compensation Required?	☐ YES ☐ NO
CONTROL OF THE REMEDIAL ACTION AND THE DECISION	
Stages of the Remediate Action	Deadline and Responsible Institutions
1.	
2.	
3.	
4.	
5.	
6.	
7.	

COMPENSATION AND FINAL STAGES

This part will be filled and signed by the complainant after s/he receives the compensation fees and his/her complaint has been remediated.

Notes:

Name-Surname and Signature of the Title-Name-Surname and Signature of the
Complainant Representative of the Responsible
Institution/Company

Date..../...../.....

ANNEXS

ANNEX-I. MEASURES FOR DUST POLLUTION

ANNEX-II. MEASURES FOR NOISE POLLUTION

ANNEX-III. REMOVAL OF EXCAVATION WASTES

ANNEX-III-I EXCAVATION WASTE AREA

ANNEX-IV-I TRAFFIC REDIRECTION, COUTION SIGNS/LABOR AND WORKER SAFETY

ANNEX-IV-II TRAFFIC REDIRECTION, COUTION SIGNS/MEASURES FOR LABOR AND WORKER SAFETY

ANNEX-V-I TRAINING RELATED TO LABOR AND WORKER SAFETY AND HEALTH

ANNEX-V-II RISK LEVEL DETERMINATION TABLE ACCORDING TO WORK AND WORKER SAFETY HAZARDS

ANNEX-V-III EMERGENCY ACTION PLAN FOR PROTECTION FROM CORONA VIRUS EPIDAMIC RELATED TO OCCUPATIONAL HEALTH AND SAFETY

ANNEX-V-IV EMERGENCY RESPONSE TEAM ASSIGNMENT FOR WORK AND WORKER SAFETY AND HEALTH

ANNEX-VI. MEASURES FOR THE COVID -19 VIRUS EPIDEMIC

ANNEX-VII "GRIEVANCE FORMS" OF THE GRIEVANCES PRESENTED IN TABLE-2