

APPENDIX E:
ADDITIONAL INFORMATION

Production Performance Indicators

TABLE 29. KEY PRODUCTION INDICATORS

Key Production Indicators	Unit	2023	2024	2025
Oil and Gas Sector				
Crude Oil and Gas Condensate Production	thousand tonnes per year	23,532	23,837	26,211
Crude Oil and Gas Condensate Production (per day)	thousand tonnes per day	64.471	65.128	71.811
Natural and Associated Gas Production	million m³ per year	9,459	9,554	11,450
Natural and Associated Gas Production (per day)	thousand m³ per day	25,915	26,125	31,370
Number of Drilling Sites (ownership share over 50%)	quantity	66	67	71
Oil and Gas Processing	thousand tonnes	19,593	19,158	20,980
Production of Petroleum Products, including:	thousand tonnes	18,183	17,949	19,708
⦿ Gasoline	thousand tonnes	5,628	5,566	6,264
⦿ Fuel oil	thousand tonnes	2,011	1,697	1,278
⦿ Vacuum gas oil (VGO)	thousand tonnes	179	258	0
⦿ Paraxylene	thousand tonnes	26	108	60
⦿ Diesel fuel	thousand tonnes	6,460	6,446	7,615
⦿ Benzene	thousand tonnes	23	28	36
⦿ Coke	thousand tonnes	630	630	692
⦿ Liquefied gas	thousand tonnes	878	883	1,107
⦿ Sulfur	thousand tonnes	108	102	126
⦿ Jet fuel	thousand tonnes	792	985	1,131
⦿ Furnace oil	thousand tonnes	38	18	0
⦿ Bitumen	thousand tonnes	574	557	772
⦿ Commercial crude oil	thousand tonnes	242	201	203
⦿ Feedstock for carbon black	thousand tonnes	9,542	0	0

⦿ Light naphtha	thousand tonnes	1	1	4
⦿ Propylene	thousand tonnes	117	83	82
⦿ Other	thousand tonnes	468	388	338
⦿ Installed processing capacity	thousand tonnes per day	75.8	75.8	76.5
Oil transportation, including:	thousand tonnes	80,359	83,478	83,330
⦿ via trunk pipelines	thousand tonnes	69,581	70,309	72,629
⦿ via maritime transport (tankers)	thousand tonnes	10,778	13,169	10,701

TABLE 30. INFORMATION ON THE NUMBER OF FIELDS

Indicator	2023	2024	2025
Total number of fields, units	66	67	71
Number of onshore fields, units	66	67	71
Number of offshore fields, units	0	0	0

Social indicators

TABLE 31. INDICATORS OF WORKFORCE STRUCTURE AND HEADCOUNT AS OF DECEMBER 31 OF THE REPORTING YEAR, GRI 2-7, GRI 2-8, GRI 405-1

Indicator		2023		2024		2025	
		Men	Women	Men	Women	Men	Women
Headcount		48,196		49,243		48,714 ^A	
By job categories	AMP	1,954	1,886	1,816	1,986	1,874 ^A	1,997 ^A
	PP	37,264	7,092	38,304	7,137	37,952 ^A	6,891 ^A
Outstaffing		3,209		3,357		3,321 ^A	
Under civil contracts		153		264		189 ^A	

A **TABLE 32. WORKFORCE STRUCTURE AND HEADCOUNT INDICATORS BY CONTRACT TYPE AND WORKING TIME, GRI 2-7**

Indicator for 2025		Total	By contract type		By working hours	
			Permanent employees	Temporary employees	Full-time employment	Part-time employment
Total		48,714	47,776	938	48,622	92
By gender groups	Men	39,826	39,127	699	39,761	65
	Women	8,888	8,649	239	8,861	27
Abai Region		0	0	0	0	0
Akmola Region		0	0	0	0	0
Aktobe Region		876	863	13	876	0
Almaty Region		0	0	0	0	0
Atyrau Region		11,181	11,019	162	11,163	18
West Kazakhstan Region		349	319	30	349	0
Zhambyl Region		0	0	0	0	0
Zhetysu Region		607	602	5	607	0
Karaganda Region		638	636	2	636	2
Kostanay Region		0	0	0	0	0
Kyzylorda Region		161	146	15	161	0
Mangystau Region		21,805	21,413	392	21,783	22
Pavlodar Region		3,205	3,176	29	3,201	4
North Kazakhstan Region		0	0	0	0	0
Turkistan Region		0	0	0	0	0
Ulytau Region		462	460	2	461	1
East Kazakhstan Region		0	0	0	0	0
Astana city		2,126	2,069	57	2,118	0
Almaty city		0	0	0	0	0
Shymkent city		565	547	18	562	3
Outside the Republic of Kazakhstan		6,739	6,526	213	6,705	34

TABLE 33. INDICATORS RELATED TO EMPLOYEES WITH DISABILITIES, GRI 405-1

Indicator	2023			2024			2025		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Number of employees with disabilities	360	50	410	459	102	561	466	103	569 ^A
The Republic of Kazakhstan	355	47	402	428	95	523	431	90	521
Abai Region	1		1	1	0	1	0	0	0
Akmola Region	-		-	0	0	0	0	0	0
Aktobe Region	5	3	8	6	4	10	4	3	7
Almaty Region	-		-	0	0	0	0	0	0
Atyrau Region	91	12	103	107	20	127	111	25	136
West Kazakhstan Region	1		1	2	0	2	1	0	1
Zhambyl Region	-		-	0	1	1	0	0	0
Zhetysu Region	2		2	4	0	4	8	1	9
Karaganda Region	9		9	4	1	5	4	1	5
Kostanay Region	-	-	-	0	0	0	0	0	0
Kyzylorda Region	-	-	-	3	1	4	1	0	1
Mangystau Region	223	29	252	263	51	314	274	43	317
Pavlodar Region	7		7	15	6	21	13	6	19
North Kazakhstan Region	-	-	-	0	0	0	0	0	0
Turkistan Region	-	-	-	3	0	3	0	0	0
Ulytau Region	1	1	2	5	2	7	2	1	3
East Kazakhstan Region	0	0	0	0	0	0	0	0	0
Astana city	12	2	14	15	8	23	13	10	23
Almaty city	1	-	1	0	0	0	0	0	0
Shymkent city	2	-	2	0	1	1	0	0	0
Outside the Republic of Kazakhstan	5	3	8	31	7	38	35	13	48

A **TABLE 34.** INDICATORS OF WORKFORCE STRUCTURE AND HEADCOUNT BY JOB CATEGORIES, GRI 405-1

Indicator			2025	
			AMP	PP
Headcount by job categories		persons	3,871	44,843
By gender groups	Men	persons	1,871	37,952
		%	48	85
	Women	persons	1,997	6,891
		%	52	15
By age groups	Under 30	persons	200	5,111
		%	5	11.4
	30-50	persons	2,788	25,670
		%	72	57.2
	Over 50	persons	884	14,062
		%	23	31.4

A **TABLE 35.** INDICATORS OF THE STRUCTURE AND HEADCOUNT OF THE MANAGEMENT BOARD MEMBERS

Indicator			2025	
			Men	Women
Headcount of Management Board members			8	1
By age groups	Under 30		-	-
	30-50		6	1
	Over 50		2	
Number of Management Board members who are citizens of the Republic of Kazakhstan		Number	9	
		Share, %	100	

A **TABLE 36.** EMPLOYEE HIRING AND TURNOVER INDICATORS, GRI 401-1

Indicator	Hires, persons	Terminated employment contracts, persons	Employee turnover, %
Total	3,619	3,209	6.59
By age groups			
Under 30	1,107	547	1.12
30-50	2,094	1,388	2.85
Over 50	418	1,274	2.62
By gender groups			
Men	2,789	2,541	6.4
Women	830	668	7.5
By region			
The Republic of Kazakhstan	2,520	2,335	4.79
Abai Region	0	0	0.00
Akmola Region	0	0	0.00
Aktobe Region	47	59	0.12
Almaty Region	0	0	0.00
Atyrau Region	694	551	1.13
West Kazakhstan Region	18	46	0.09
Zhambyl Region	0	0	0.00
Zhetysu Region	25	28	0.06
Karaganda Region	42	98	0.20
Kostanay Region	0	0	0.00
Kyzylorda Region	22	31	0.06
Mangystau Region	882	839	1.72
Pavlodar Region	258	222	0.46
North Kazakhstan Region	0	0	0.00
Turkistan Region	0	0	0.00
Ulytau Region	16	16	0.03
East Kazakhstan Region	0	0	0.00
Astana city	486	385	0.79
Almaty city	0	0	0.00
Shymkent city	30	60	0.12
Outside the Republic of Kazakhstan	1,099	874	1.79

^A **TABLE 37. MATERNITY LEAVE, GRI 401-3**

Indicator		2025		
		Men	Women	Total
Maternity Leave				
Number of employees entitled to maternity or childcare leave (in accordance with the Labour Code of the Republic of Kazakhstan)	persons	39,823	8,891	48,714
Number of employees who took maternity leave and childcare leave	persons	42	433	475
Number of employees who returned to work after maternity/paternity leave	persons	17	270	287
Number of employees who returned to work after maternity/paternity leave in the previous year and remained employed after 12 months	persons	21	225	246
Number of employees scheduled to return to work after maternity/paternity leave in the reporting year*	persons	22	274	296
Return-to-work rate	%	77	99	97
Retention rate	%	124	83	86

TABLE 38. TRAINING AND PERFORMANCE EVALUATION INDICATORS, GRI 404-1, GRI 404-3

Indicator			2023	2024	2025
Investment in training	million KZT		4,115.7	5,109.7	5,193.2
Total training hours	hours		1,658,649	1,730,860	1,654,306
Average training hours per employee per year	hours		18	35	34 ^A
By gender groups	Men	hours	16	37.5	35 ^A
	Women	hours	27	24.5	30 ^A
By job categories	AMP	hours	17	43	34 ^A
	PP	hours	18	34.5	34 ^A
Number of employees who received regular performance and career development evaluations (performance appraisal)	persons		15,050	17,980	11,136
By gender groups	Men	persons	11,809	15,381	8,940
	Women	persons	3,241	2,599	2,196
By job categories	AMP	persons	1,269	1,570	1,220
	PP	persons	13,781	16,411	9,916
GRI 404-3. Share of employees who received regular performance and career development evaluations	%		32%	36.5%	23%

TABLE 39. OCCUPATIONAL HEALTH AND SAFETY SYSTEM INDICATORS, GRI 403-8

Indicator	2023	2024	2025
Occupational Health and Industrial Safety Management System			
Number of subsidiaries (including the parent company) holding ISO 45001:2018 certification whose occupational health and industrial safety management systems have undergone internal audits	27	29	24
Number of employees and percentage of the Company's total workforce covered by the Company's occupational health and industrial safety management system (employees) ³⁹	38,176	40,354	40,722 ^A
	%	%	84% ^A
Number of individuals and percentage of the Company's total workforce covered by the Company's occupational health and industrial safety management system (non-employees)	n/a	n/a	3,126 ^A
	n/a	n/a	89% ^A

TABLE 40. EXPENDITURES ON ENSURING COMPLIANCE WITH INDUSTRIAL SAFETY REQUIREMENTS, KZT BILLION

	2023	2024	2025
Amount of funds spent to ensure compliance with industrial safety requirements, including by area:	29.9	23.45	32.01
Occupational health and safety	14	7.2	13.63
Fire safety	9.5	4.1	11.19
Industrial safety	3.7	10.1	5.7
Training	0.9	1.79	1.42
Other	1.8	0.26	0.07

39. Starting from 2025, the methodology for calculating the indicator was refined: the calculation is based on the number of employees of subsidiaries certified under the ISO 45001 occupational health and safety management system. In previous reporting periods, the indicator was calculated based on the Company's total headcount (GRI 2-7). Accordingly, the data for 2023 and 2024 were restated to ensure comparability

Environmental indicators

Water resource management indicators

GRI 303-3, GRI 303-4, GRI 303-5

TABLE 41.

Indicator	2023	2024	2025
Total water withdrawal excluding formation water, thousand m³	80,437	83,072	84,224
Total water withdrawal, including formation water, thousand m³	217,397	223,557	231,651
Total volume of wastewater discharge excluding formation water, thousand m³	10,457	10,512	32,205 ⁴⁰
Total wastewater discharge including formation water, thousand m³	144,080	148,375	175,254
Water consumption, thousand m³	80,437	83,072	56,397

TABLE 42.

Structure of water withdrawal, discharges and water use as of the end of 2025, thousand m³	All regions	Water-scarce regions
Total Water Withdrawal, thousand m³	23,651 ^A	20,118 ^A
By source:		
Surface water sources	34,565	8
Groundwater sources	26,118	15,637
Sea water	15,473	1,017
Municipal water supply systems	7,957	3,441
Formation water	147,427	-
Water supplied by third-party organizations	111	15
By water type:		
Freshwater	36,282	5,398
Other water	195,368	14,720
Total volume of water discharges, thousand m³	175,254 ^A	3,049 ^A

40. In 2025, the approach to calculating water consumption was refined to exclude volumes of water supplied to third parties by a subsidiary acting as a water supplier in the Atyrau and Mangystau regions. A volume of 21.995 million m³ was excluded from the water consumption calculation and reflected in the wastewater discharge indicators.

By source:		
Surface waters	-	
Groundwater (injection)	143,049	
Artificial water bodies (evaporation ponds, storage ponds, and filtration fields)	9,402	
Transferred to third parties for treatment	808	
Transferred to third parties for use	21,995	
By water type:		
Freshwater	21 995	-
Other water	153,259	3,049
Water consumption, thousand m³ ⁴¹	56,397 ^A	17,069 ^A

TABLE 43.

Additional indicators	2023	2024	2025
Volume of reused (treated) water, thousand m³	7,195	8,460	9,701
Volume of circulating (recirculated) water, thousand m³	437,530	535,510	528,021
Volume of associated formation water produced, thousand m³	136,960	140,504	147,427
Share of associated formation water reinjected into the reservoir	97%	98%	97%

41. Water consumption is determined using a calculation method as the difference between water withdrawal (GRI 303-3) and water discharge (GRI 303-4).

Waste Management

GRI 306-3, GRI 306-4, GRI 306-5

TABLE 44. WASTE DIRECTED TO REUSE, RECYCLING OR RECOVERY ⁴²

Waste directed to reuse, recycling or recovery, tonnes	2023			2024			2025		
	Within the Company	Outside the Company	Total	Within the Company	Outside the Company	Total	Within the Company	Outside the Company	Total
Hazardous waste	-	-	-	-	-	-	20,734	104,752	125,486 ^A
Preparation for reuse	-	-	-	-	-	-	0	22	22
Recycling	-	-	-	-	-	-	20,685	28,769	49,454
Other recovery operations	-	-	-	-	-	-	49	75,961	76,010
Non-hazardous waste	-	-	-	-	-	-	30,462	40,476	70,938 ^A
Preparation for reuse	-	-	-	-	-	-	1,588	974	2,562
Recycling	-	-	-	-	-	-	0	3,723	3,723
Other recovery operations	-	-	-	-	-	-	28,874	35,779	64,653

42. In 2025, KMG optimized and revised its methodological approach to accounting for waste sent for reuse, recycling, and recovery / disposal by applying separate accounting for these categories. At the same time, waste categories were refined to improve the quality of classification and data transparency. Due to the absence of separate accounting in previous periods, comparisons with indicators from prior years are not provided. Starting from 2025, historical waste generated in previous periods has been excluded from the reporting boundary, and indicators are compiled exclusively for waste generated in the reporting period. Information on the volumes of historical waste generated in prior periods and accounted for as part of land remediation and other restoration activities is disclosed in the section "Elimination of Historical Contamination and Land Remediation".

TABLE 45. WASTE DIRECTED TO DISPOSAL ⁴³

Waste directed to disposal, tonnes	2023			2024			2025		
	Within the Company	Outside the Company	Total	Within the Company	Outside the Company	Total	Within the Company	Outside the Company	Total
Hazardous waste	-	-	-	-	-	-	0	244,969.1	244,969.1 ^A
Incineration (with energy recovery)	-	-	-	-	-	-	0	0	0
Incineration (without energy recovery)	-	-	-	-	-	-	0	63,250.3	63,250.3
Landfilling	-	-	-	-	-	-	0	26.4	26.4
Other disposal operations	-	-	-	-	-	-	0	181,692.4	181,692.4
Non-hazardous waste	-	-	-	-	-	-	1,347.8	20,964.7	22,312.5 ^A
Incineration (with energy recovery)	-	-	-	-	-	-	0	0	0
Incineration (without energy recovery)	-	-	-	-	-	-	0	13.8	13.8
Landfilling	-	-	-	-	-	-	0	11,348.7	11,348.7
Other disposal operations	-	-	-	-	-	-	1,347,8	9,602.2	10,950

43. In 2025, KMG optimized and revised its methodological approach to accounting for waste sent for reuse, recycling, and recovery / disposal by applying separate accounting for these categories. At the same time, waste categories were clarified to improve the quality of classification and data transparency. Due to the absence of separate accounting in previous periods, comparison with indicators from prior years is not performed. Starting in 2025, historical waste generated in previous periods has been excluded from the reporting boundary, and indicators are formed exclusively based on waste generated in the reporting period. Information on volumes of historical waste generated in prior periods and accounted for within land remediation and other restoration activities is disclosed in the section "Elimination of historical contamination and land remediation".

Biodiversity Protection Indicators

TABLE 46. LOCATION AND SCALE OF OPERATIONS IN RELATION TO KEY BIODIVERSITY AREAS

Site	Location	Key Biodiversity Areas (KBAs)	Location in relation to KBAs	Contract area size (sq. km)	Impact mitigation plan
Urykhtau	Mugalzhar District, Aktope Region	State Nature Complex Reserve of Local Significance Kokzhide–Kumzhargan	Partially overlaps the territory	240	Hydrogeological monitoring
Alibekmola and Kozhasai	Mugalzhar District, Aktope Region	Kokzhide Sands, Kokzhide Groundwater	Located nearby	157	Hydrogeological monitoring
Isatai	Central part of the Kazakhstan Sector of the Caspian Sea (KSCS), Northern Mangystau Region	Special environmentally sensitive zone of KSCS	Located within the protected area	1,060	Seasonal baseline environmental studies, regular environmental monitoring
Abai	North-western part of the KSCS, Atyrau District	Special environmentally sensitive zone of the KSCS	Located within the protected area	1,234	Seasonal baseline environmental studies, regular environmental monitoring
Al-Farabi	Southern part of the KSCS, Mangystau Region	Environmentally sensitive zone of the KSCS	Does not intersect with KBAs	6,047	Seasonal baseline environmental studies, regular environmental monitoring
Kalamkas-Khazar	North-western part of the Caspian Sea	Special environmentally sensitive zone of the Kazakhstan Sector of the Caspian Sea (KSCS)	Located within the protected area	1,707	Seasonal baseline environmental studies, regular environmental monitoring

Compliance with laws and regulations

GRI 2-27

TABLE 47.

Compliance with laws and regulations	Unit of measurement	2023	2024	2025
Total number of cases of non-compliance with environmental legislation, including:	units	40	51	32 ^A
Cases involving fines	units	40	51	30 ^A
Cases involving non-monetary sanctions	units	0	0	2 ^A
Total number of cases of non-compliance with environmental legislation for which fines were paid:	units	40	51	30 ^A
Assessed in the reporting year	units	39	50	28 ^A
Assessed in previous reporting periods	units	1	1	2 ^A
Total amount of fines paid for violations of environmental legislation:	thousand KZT	91,563	196,306	1,409,245 ^A
Assessed in the reporting year	thousand KZT	85,937	195,118	74,007 ^A
Assessed in previous reporting periods	thousand KZT	5,626	1,188	1,335,238 ^A

TABLE 48. ENVIRONMENTAL PROTECTION EXPENDITURES BY ACTIVITY TYPE

	Unit of measurement	2023	2024	2025
Implementation of technologies, including:	KZT million	7,448.6	3,586.7	1,988.82
⦿ BAT (Best Available Techniques)	KZT million	0.0		194.22
⦿ ACS (Automated Control Systems)	KZT million	906.6	1,533.8	1,794.60
Forest-climate projects	KZT million	-	-	-
Energy efficiency	KZT million			
Research and development	KZT million	363.3	1,555.7	2,458.17
Emission payments, including:	KZT million	3,420.5	3,430.8	5,420.12
⦿ Amount of standard emission payments (tax)	KZT million	3,411.0	3,429.6	5,419.91
⦿ Amount of payments for excess emissions	KZT million	9.5	1.2	0.21
Other	KZT million	45,848.3	36,867.6	16,601.36
Total:	KZT million	57,727.5	45,440.8	26,468.47