

TTW Public Company Limited and its subsidiaries
Report and consolidated financial statements
31 December 2020

Independent Auditor's Report

To the Shareholders of TTW Public Company Limited

Opinion

I have audited the accompanying consolidated financial statements of TTW Public Company Limited and its subsidiaries (the Group), which comprise the consolidated statement of financial position as at 31 December 2020, the related consolidated statements of comprehensive income, changes in shareholders' equity and cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies, and have also audited the separate financial statements of TTW Public Company Limited for the same period.

In my opinion, the financial statements referred to above present fairly, in all material respects, the financial position of TTW Public Company Limited and its subsidiaries and of TTW Public Company Limited as at 31 December 2020, their financial performance and cash flows for the year then ended in accordance with Thai Financial Reporting Standards.

Basis for Opinion

I conducted my audit in accordance with Thai Standards on Auditing. My responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of my report. I am independent of the Group in accordance with the Code of Ethics for Professional Accountants as issued by the Federation of Accounting Professions as relevant to my audit of the financial statements, and I have fulfilled my other ethical responsibilities in accordance with the Code. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

Key Audit Matter

Key audit matter is the matter that, in my professional judgement, was of most significance in my audit of the financial statements of the current period. This matter was addressed in the context of my audit of the financial statements as a whole, and in forming my opinion thereon, and I do not provide a separate opinion on this matter.

I have fulfilled the responsibilities described in the Auditor's Responsibilities for the Audit of the Financial Statements section of my report, including in relation to this matter. Accordingly, my audit included the performance of procedures designed to respond to my assessment of the risks of material misstatement of the financial statements. The results of my audit procedures, including the procedures performed to address the matter below, provide the basis for my audit opinion on the accompanying financial statements as a whole.

Key audit matter and how audit procedures respond for each matter is described below.

Assets for production of treated water and rights to produce and sell treated water and treat waste water

The Group recognised the amortisation expenses of the assets for the production of treated water, the rights to produce, sell treated water and treat waste water of the Company and the assets that must be transferred at the end of concession of the subsidiary in the financial statements amounting to Baht 932 million (Separate financial statements: Baht 532 million), of which the expenses during this year accounted for 39% of total expenses in the consolidated financial statements (34% of total expenses in the separate financial statements). In calculating the amortisation expenses, the Group used the units of production method which required an estimate of the number of units of treated water to be produced in the future, until the end of the concession period or the end of the operation contract or the end of useful live of the assets for the production of treated water of the Company or the end of the concession period of the subsidiary. The management must use judgement to estimate the amount of future production, based on present production volumes, production capacity, demand from customers, economic and industry conditions. This affect the amount of the amortisation expenses.

I assessed the assumptions applied by management in estimating the number of units to be produced in the future by inquiring with the responsible management and gaining an understanding of the method applied to estimate units of production. I also checked the duration of the concession and the duration of the rights to produce and sell treated water and treat waste water to the relevant documents. In addition, I compared the number of units of production estimated by the Group with actual past and current production volumes and tested the Group's calculation of amortisation expenses for the year.

Other Information

Management is responsible for the other information. The other information comprise the information included in annual report of the Group, but does not include the financial statements and my auditor's report thereon.

My opinion on the financial statements does not cover the other information and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work I have performed, I conclude that there is a material misstatement of this other information, I am required to report that fact. I have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Thai Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

My objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Thai Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with Thai Standards on Auditing, I exercise professional judgement and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. I am responsible for the direction, supervision and performance of the group audit. I remain solely responsible for my audit opinion.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine the matter that was of most significance in the audit of the financial statements of the current period and is therefore the key audit matter. I describe this matter in my auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, I determine that a matter should not be communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

I am responsible for the audit resulting in this independent auditor's report.

Kunlapee Piyawannasuth
Certified Public Accountant (Thailand) No. 6137

EY Office Limited
Bangkok: 23 February 2021

TTW Public Company Limited and its subsidiaries

Statement of financial position

As at 31 December 2020

(Unit: Baht)

	Note	Consolidated financial statements		Separate financial statements		
		2020	2019	2020	2019	
Assets						
Current assets						
Cash and cash equivalents	8	91,969,201	76,570,736	86,240,045	71,361,403	
Current investments	11	-	3,035,146,734	-	2,252,002,603	
Trade and other receivables	7, 9	557,910,547	564,935,313	377,588,129	385,761,884	
Current portion of long-term loans to related party and interest receivable	7	-	-	57,160,299	57,177,576	
Raw materials and supplies	10	26,184,756	27,203,379	14,679,939	15,505,281	
Other current financial assets	11	3,311,925,335	-	2,346,040,003	-	
Other current assets		29,039,472	26,834,644	24,545,535	19,819,391	
Total current assets		<u>4,017,029,311</u>	<u>3,730,690,806</u>	<u>2,906,253,950</u>	<u>2,801,628,138</u>	
Non-current assets						
Long-term loans to related party, net of current portion	7	-	-	57,160,000	114,300,000	
Other non-current financial assets	12	12,775,000	-	-	-	
Investments in subsidiaries	13	-	-	1,693,585,736	1,915,686,718	
Investment in associate	14	5,954,960,757	5,898,575,219	5,218,706,282	5,218,706,282	
Other long-term investments	12	-	18,525,000	-	-	
Property, plant and equipment	15	870,535,587	794,731,564	791,518,922	729,443,114	
Assets for production of treated water with public sector agency:						
Assets that are owned by the Company	16	8,965,354,337	9,209,922,045	8,965,354,337	9,209,922,045	
Assets that must be transferred at end of concession of subsidiary	17	1,346,521,003	1,560,957,228	-	-	
Rights to produce and sell treated water and treat waste water from private sector agency	18	1,081,618,436	1,132,361,681	1,081,618,436	1,132,361,681	
Rights to produce and sell treated water from business acquisition	19	542,693,038	738,173,529	-	-	
Intangible assets	20	11,958,702	13,723,623	-	-	
Deferred tax assets	29	5,270,213	5,333,758	-	-	
Advance payment to subcontractor - related party	7	23,268,100	46,693,920	-	46,693,920	
Other non-current assets		10,453,049	8,425,283	6,226,704	6,393,371	
Total non-current assets		<u>18,825,408,222</u>	<u>19,427,422,850</u>	<u>17,814,170,417</u>	<u>18,373,507,131</u>	
Total assets		<u>22,842,437,533</u>	<u>23,158,113,656</u>	<u>20,720,424,367</u>	<u>21,175,135,269</u>	

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Statement of financial position (continued)

As at 31 December 2020

(Unit: Baht)

Note	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Liabilities and shareholders' equity				
Current liabilities				
Trade and other payables	7, 21	204,991,415	159,504,289	134,580,581
Current portion of long-term loans	22	760,000,000	3,060,000,000	760,000,000
Current portion of debentures	23	-	500,000,000	-
Current portion of lease liabilities	24	11,165,584	-	9,034,535
Income tax payable		296,782,239	300,517,164	213,385,460
Accrued interest		63,607,016	74,172,239	63,607,016
Other current liabilities		<u>69,512,922</u>	<u>70,396,726</u>	<u>47,441,078</u>
Total current liabilities		<u>1,406,059,176</u>	<u>4,164,590,418</u>	<u>1,228,048,670</u>
				<u>4,005,224,226</u>
Non-current liabilities				
Retention payable - subsidiary	7	-	-	5,000,000
Long-term loans, net of current portion	22	2,100,000,000	300,000,000	2,100,000,000
Debentures, net of current portion	23	5,396,523,382	5,395,839,598	5,396,523,382
Lease liabilities, net of current portion	24	60,578,185	-	53,597,703
Provision for long-term employee benefits	25	62,271,119	58,691,879	35,697,678
Deferred tax liabilities	29	<u>117,397,423</u>	<u>114,176,349</u>	<u>95,684,434</u>
Total non-current liabilities		<u>7,736,770,109</u>	<u>5,868,707,826</u>	<u>7,686,503,197</u>
				<u>5,820,774,140</u>
Total liabilities		<u>9,142,829,285</u>	<u>10,033,298,244</u>	<u>8,914,551,867</u>
				<u>9,825,998,366</u>

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Statement of financial position (continued)

As at 31 December 2020

(Unit: Baht)

Note	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Shareholders' equity				
Share capital				
Registered				
3,990,000,000 ordinary shares of Baht 1 each	<u>3,990,000,000</u>	<u>3,990,000,000</u>	<u>3,990,000,000</u>	<u>3,990,000,000</u>
Issued and fully paid-up				
3,990,000,000 ordinary shares of Baht 1 each	3,990,000,000	3,990,000,000	3,990,000,000	3,990,000,000
Share premium	2,637,769,601	2,637,769,601	2,637,769,601	2,637,769,601
Retained earnings				
Appropriated - statutory reserve	26 399,000,000	399,000,000	399,000,000	399,000,000
Appropriated - other reserve	27 1,691,230,767	1,691,230,767	1,691,230,767	1,691,230,767
Unappropriated	5,441,451,795	4,883,932,137	3,087,872,132	2,631,136,535
Other components of shareholders' equity	<u>(504,204,818)</u>	<u>(520,795,516)</u>	-	-
Equity attributable to owners of the Company	13,655,247,345	13,081,136,989	11,805,872,500	11,349,136,903
Non-controlling interests of the subsidiaries	44,360,903	43,678,423	-	-
Total shareholders' equity	<u>13,699,608,248</u>	<u>13,124,815,412</u>	<u>11,805,872,500</u>	<u>11,349,136,903</u>
Total liabilities and shareholders' equity	<u>22,842,437,533</u>	<u>23,158,113,656</u>	<u>20,720,424,367</u>	<u>21,175,135,269</u>

The accompanying notes are an integral part of the financial statements.

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Directors

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TTW Public Company Limited and its subsidiaries

Statement of comprehensive income

For the year ended 31 December 2020

(Unit: Baht)

Note	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Profit or loss:				
Revenues				
Sales of treated water to public sector agency:				
Sales of treated water - minimum offtake quantities	5,126,926,939	5,085,877,040	3,441,906,859	3,421,141,241
Sales of treated water - above minimum offtake quantities	729,810,640	687,426,954	445,648,261	454,726,038
Sales of treated water to private sector agencies	202,679,433	220,114,991	202,679,433	220,114,991
Total sales of treated water	30	6,059,417,012	5,993,418,985	4,090,234,553
Service income		120,237,398	119,466,124	40,034,644
Dividend income	13, 14	-	-	1,024,456,521
Other income		13,291,821	38,528,951	26,268,301
Total revenues		6,192,946,231	6,151,414,060	5,180,994,019
				5,170,693,640
Expenses				
Cost of sales of treated water and services		1,861,674,233	1,794,674,181	1,060,615,012
Administrative expenses		263,911,682	251,618,218	224,729,529
Amortisation of investments in subsidiaries	13	-	-	222,100,982
Amortisation of rights to produce and sell treated water and treat waste water from private sector agency	18	51,415,245	55,752,740	51,415,245
Amortisation of rights to produce and sell treated water from business acquisition	19	195,480,491	194,946,391	-
Total expenses		2,372,481,651	2,296,991,530	1,558,860,768
				1,510,538,972
Operating profit				
Share of profit from investment in associate	14	101,097,638	280,254,547	-
Finance income		10,170,447	14,176,972	11,520,681
Finance cost		(274,534,160)	(304,542,661)	(274,359,356)
Profit before income tax expenses		3,657,198,505	3,844,311,388	3,359,294,576
Income tax expenses	29	(685,387,474)	(696,977,417)	(508,994,486)
Profit for the year		2,971,811,031	3,147,333,971	2,850,300,090
				2,854,902,945

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Statement of comprehensive income (continued)

For the year ended 31 December 2020

(Unit: Baht)

Note	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Other comprehensive income:				
<i>Other comprehensive income to be reclassified</i>				
<i>to profit or loss in subsequent periods:</i>				
Loss on change in value of available-for-sale investments				
- net of income tax	-	(160,000)	-	-
Share of other comprehensive income from associate	14.1	16,210,698	23,348,185	-
<i>Other comprehensive income not to be reclassified</i>				
<i>to profit or loss in subsequent periods</i>				
Actuarial gain - net of income tax	-	2,467,757	-	290,884
Other comprehensive income for the year	16,210,698	25,655,942	-	290,884
Total comprehensive income for the year	2,988,021,729	3,172,989,913	2,850,300,090	2,855,193,829
Profit attributable to:				
Equity holders of the Company	2,951,464,151	3,127,907,180	2,850,300,090	2,854,902,945
Non-controlling interests of the subsidiaries	20,346,880	19,426,791		
Weighted average number of ordinary shares	<u>2,971,811,031</u>	<u>3,147,333,971</u>		
Total comprehensive income attributable to:				
Equity holders of the Company	2,967,674,849	3,153,563,122	2,850,300,090	2,855,193,829
Non-controlling interests of the subsidiaries	20,346,880	19,426,791		
	<u>2,988,021,729</u>	<u>3,172,989,913</u>		
Basic earnings per share	31			
Profit attributable to equity holders of the Company	0.74	0.78	0.71	0.72
Weighted average number of ordinary shares	<u>3,990,000,000</u>	<u>3,990,000,000</u>	<u>3,990,000,000</u>	<u>3,990,000,000</u>

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Statement of changes in shareholders' equity

For the year ended 31 December 2020

(Unit: Baht)

Consolidated financial statements													
Equity attributable to owners of the Company													
Other components of equity													
	Issued and paid-up share capital	Share premium	Retained earnings			Loss on changes in value of available-for-sale investments	Share of other comprehensive income from associate	Difference on reorganisation of business of group companies	Total other components of shareholders' equity	Total equity attributable to owners of the Company	Equity attributable to non-controlling interests of the subsidiaries		Total shareholders' equity
Note	share capital	Share premium	Appropriated - statutory reserve	Appropriated - other reserve	Unappropriated								
Balance as at 1 January 2019	3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	4,147,556,393	(220,000)	56,599,165	(600,362,866)	(543,983,701)	12,321,573,060	43,280,512		12,364,853,572
Profit for the year	-	-	-	-	3,127,907,180	-	-	-	-	3,127,907,180	19,426,791		3,147,333,971
Other comprehensive income for the year	-	-	-	-	2,467,757	(160,000)	23,348,185	-	23,188,185	25,655,942	-		25,655,942
Total comprehensive income for the year	-	-	-	-	3,130,374,937	(160,000)	23,348,185	-	23,188,185	3,153,563,122	19,426,791		3,172,989,913
Dividend paid	34	-	-	-	(2,393,999,193)	-	-	-	-	(2,393,999,193)	-		(2,393,999,193)
Decrease in non-controlling interests of the subsidiary from dividend payment of the subsidiary	-	-	-	-	-	-	-	-	-	-	(19,028,880)		(19,028,880)
Balance as at 31 December 2019	3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	4,883,932,137	(380,000)	79,947,350	(600,362,866)	(520,795,516)	13,081,136,989	43,678,423		13,124,815,412
Balance as at 1 January 2020	3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	4,883,932,137	(380,000)	79,947,350	(600,362,866)	(520,795,516)	13,081,136,989	43,678,423		13,124,815,412
Cumulative effects of changes in accounting policies	4	-	-	-	-	(380,000)	380,000	-	-	380,000	-	-	-
Balance as at 1 January 2020 - as restated	3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	4,883,552,137	-	79,947,350	(600,362,866)	(520,415,516)	13,081,136,989	43,678,423		13,124,815,412
Profit for the year	-	-	-	-	2,951,464,151	-	-	-	-	2,951,464,151	20,346,880		2,971,811,031
Other comprehensive income for the year	-	-	-	-	-	-	16,210,698	-	16,210,698	16,210,698	-		16,210,698
Total comprehensive income for the year	-	-	-	-	2,951,464,151	-	16,210,698	-	16,210,698	2,967,674,849	20,346,880		2,988,021,729
Dividend paid	34	-	-	-	(2,393,564,493)	-	-	-	-	(2,393,564,493)	-		(2,393,564,493)
Decrease in non-controlling interests of the subsidiary from dividend payment of the subsidiary	-	-	-	-	-	-	-	-	-	-	(19,664,400)		(19,664,400)
Balance as at 31 December 2020	3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	5,441,451,795	-	96,158,048	(600,362,866)	(504,204,818)	13,655,247,345	44,360,903		13,699,608,248

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Statement of changes in shareholders' equity (continued)

For the year ended 31 December 2020

(Unit: Baht)

Separate financial statements							
	Note	Issued and paid-up		Retained earnings			Total
		share capital	Share premium	Appropriated - statutory reserve	Appropriated - other reserve	Unappropriated	
Balance as at 1 January 2019		3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	2,169,941,899	10,887,942,267
Profit for the year		-	-	-	-	2,854,902,945	2,854,902,945
Other comprehensive income for the year		-	-	-	-	290,884	290,884
Total comprehensive income for the year		-	-	-	-	2,855,193,829	2,855,193,829
Dividend paid	34	-	-	-	-	(2,393,999,193)	(2,393,999,193)
Balance as at 31 December 2019		3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	2,631,136,535	11,349,136,903
 Balance as at 1 January 2020							-
Profit for the year		-	-	-	-	2,850,300,090	2,850,300,090
Other comprehensive income for the year		-	-	-	-	-	-
Total comprehensive income for the year		-	-	-	-	2,850,300,090	2,850,300,090
Dividend paid	34	-	-	-	-	(2,393,564,493)	(2,393,564,493)
Balance as at 31 December 2020		3,990,000,000	2,637,769,601	399,000,000	1,691,230,767	3,087,872,132	11,805,872,500

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Cash flows statement

For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Cash flows from operating activities				
Profit before tax	3,657,198,505	3,844,311,388	3,359,294,576	3,377,627,687
Adjustments to reconcile profit before tax to net cash provided by (paid from) operating activities:				
Depreciation and amortisation	919,603,338	870,199,246	509,398,653	493,956,355
Reversal of allowance for doubtful accounts	-	(230,840)	-	-
Reversal of allowance for expected credit losses	(213,841)	-	-	-
Amortisation of investments in subsidiaries	-	-	222,100,982	221,494,148
Amortisation of rights to produce and sell treated water and treat waste water from private sector agency	51,415,245	55,752,740	51,415,245	55,752,740
Amortisation of rights to produce and sell treated water from business acquisition	195,480,491	194,946,391	-	-
Gain on sales/written off of equipment	(1,608,389)	(644,727)	(324,441)	(262,823)
Share of profit from investment in associate	(101,097,638)	(280,254,547)	-	-
Dividend income	-	-	(1,024,456,521)	(984,631,994)
Withholding tax deducted at source written off	1,943,312	1,279,405	-	-
Provision for long-term employee benefits	8,267,240	8,416,317	4,808,146	4,338,882
Finance cost	274,534,160	304,542,661	274,359,356	304,542,661
Profit from operating activities before changes in operating assets and liabilities	5,005,522,423	4,998,318,034	3,396,595,996	3,472,817,656
Operating assets (increase) decrease				
Trade and other receivables	11,858,607	(18,548,139)	8,536,032	(9,537,530)
Raw materials and supplies	1,018,623	803,852	825,342	1,255,874
Other current assets	(4,783,892)	799,378	(4,726,144)	697,789
Other non-current assets	166,667	5,212,431	166,667	5,212,428
Operating liabilities increase (decrease)				
Trade and other payables	45,319,990	17,427,693	30,006,447	9,321,283
Other current liabilities	(883,804)	1,027,796	(264,595)	600,331
Cash paid for long-term employee benefits	(4,688,000)	(1,000,200)	(1,128,000)	(673,600)
Cash from operating activities	5,053,530,614	5,004,040,845	3,430,011,745	3,479,694,231
Cash paid for interest expenses	(282,458,106)	(322,319,705)	(282,458,106)	(322,319,705)
Cash paid for income tax	(687,396,462)	(704,700,037)	(506,780,917)	(528,296,875)
Net cash flows from operating activities	4,083,676,046	3,977,021,103	2,640,772,722	2,629,077,651

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Cash flows statement (continued)

For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Cash flows from investing activities				
Decrease (increase) in other current financial assets	(274,778,601)	483,126,043	(94,037,400)	593,152,479
Decrease in long-term loans to related party	-	-	57,140,000	289,640,000
Decrease in other long-term financial assets	750,000	10,000,000	-	-
Increase in investment in associate	-	(990,693,000)	-	(990,693,000)
Increase in property, plant and equipment	(24,660,801)	(23,316,992)	(16,667,934)	(20,383,723)
Increase in assets for production of treated water with public sector agency - assets that are owned by the Company	(189,678,062)	(125,617,480)	(189,678,062)	(125,617,480)
Increase in assets for production of treated water that must be transferred at the end of concession of subsidiary	(161,944,241)	-	-	-
Increase in rights to produce and sell treated water and treat waste water from private sector agency	(672,000)	-	(672,000)	-
Proceeds from sales of equipment	20,943	647,850	9,610	264,280
Increase in intangible assets	-	(6,000,000)	-	-
Dividend received	60,922,798	52,238,044	1,024,456,521	984,631,994
Increase in advance payment to subcontractor - related party	(50,995,272)	(46,693,920)	-	(46,693,920)
Net cash flows from (used in) investing activities	(641,035,236)	(646,309,455)	780,550,735	684,300,630
Cash flows from financing activities				
Cash received from bills of exchange	-	995,705,370	-	995,705,370
Repayment of bills of exchange	-	(1,000,000,000)	-	(1,000,000,000)
Repayment of long-term loans	(500,000,000)	(435,000,000)	(500,000,000)	(435,000,000)
Cash received from debentures	-	998,850,000	-	998,850,000
Repayment of debentures	(500,000,000)	(1,500,000,000)	(500,000,000)	(1,500,000,000)
Repayment of lease liabilities	(14,180,588)	-	(13,047,458)	-
Dividend paid	(2,393,397,357)	(2,394,009,469)	(2,393,397,357)	(2,394,009,469)
Dividend paid for non-controlling interests of the subsidiary	(19,664,400)	(19,028,880)	-	-
Net cash flows used in financing activities	(3,427,242,345)	(3,353,482,979)	(3,406,444,815)	(3,334,454,099)
Net increase (decrease) in cash and cash equivalents	15,398,465	(22,771,331)	14,878,642	(21,075,818)
Cash and cash equivalents at beginning of year	76,570,736	99,342,067	71,361,403	92,437,221
Cash and cash equivalents at end of year	91,969,201	76,570,736	86,240,045	71,361,403

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Cash flows statement (continued)

For the year ended 31 December 2020

(Unit: Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Supplemental cash flows information				
Non-cash transactions				
Increase (decrease) in dividend payable	167,136	(10,276)	167,136	(10,276)
Decrease (increase) in accounts receivable from securities trading	(3,000,000)	18,391,378	-	18,391,378
Portion of advance payment to subcontractor deducted from payment for assets for production of treated water with public sector agency - assets that are owned by the Company	46,693,920	1,325,300	46,693,920	1,325,300
Portion of advance payment to subcontractor deducted from payment for assets for production of treated water with public sector agency - assets that must be transferred at the end of concession of subsidiary	27,727,172	-	-	-
Increase in accounts receivable from sales of equipment	(1,620,000)	-	(345,000)	-
Increase in acquisition of equipment payable	-	1,260,000	-	-
Increase in acquisition of intangible assets payable	-	6,000,000	-	-
Increase in right-of-use assets due to new lease agreements	(42,021,606)	-	(33,863,186)	-
Increase in lease liabilities due to new lease agreements	42,021,606	-	33,863,186	-
Reclassify of other non-current financial assets to other current financial assets	(5,000,000)	-	-	-

The accompanying notes are an integral part of the financial statements.

TTW Public Company Limited and its subsidiaries

Notes to consolidated financial statements

For the year ended 31 December 2020

1. General information

TTW Public Company Limited (“the Company”) is a public company incorporated and domiciled in Thailand. Its major shareholder is Mitsui Water Holdings (Thailand) Company Limited, which was incorporated in Thailand. The Company is principally engaged in the production and sale of treated water to the Provincial Waterworks Authority (“PWA”) in the Amphur Nakorn Chaisri, Amphur Sam Pran, and Amphur Budha Monthon areas of Nakhon Pathom and the Amphur Muang and Amphur Kratumban areas of Samut Sakhon, under the “Water Purchase Agreement” made with the PWA dated 21 September 2000 (An amendment agreement dated 29 December 2008), which covers a period of 30 years as from the Actual Commencement Date (21 July 2004), and under the Concession to operate treated water granted by the Ministry of Natural Resources and Environment (“the Concessionaire”) for a period of 25 years commencing on 11 March 2005. The Company has to comply with certain conditions as stipulated in the Water Purchase Agreement and the Concession.

The terms of the Concession include certain significant conditions, such as that when the Company has completed half of the concession period, if the government or the local government agency wish to purchase the water production business of the Company, the Concessionaire is entitled to cancel the concession in order to purchase it, or permit the relevant local government agency to purchase it, at market price. However, it must provide the Company with advance notice of six months of such action.

The Company’s registered office is at 30/130 Moo 12, Budha Monthon 5 Road, Rai Khing, Sam Pran, Nakhon Pathom.

2. Basis of preparation

- 2.1 The financial statements have been prepared in accordance with Thai Financial Reporting Standards enunciated under the Accounting Profession Act B.E. 2547 and their presentation has been made in compliance with the stipulations of the Notification of the Department of Business Development issued under the Accounting Act B.E. 2543.

The financial statements in Thai language are the official statutory financial statements of the Company. The financial statements in English language have been translated from the Thai language financial statements.

The financial statements have been prepared on a historical cost basis except where otherwise disclosed in the accounting policies.

2.2 Basis of consolidation

- a) The consolidated financial statements include the financial statements of TTW Public Company Limited (“the Company”) and the following subsidiary companies (“the subsidiaries”) (collectively as “the Group”):

Company's name	Nature of business	Country of incorporation	Percentage of shareholding	
			2020 (%)	2019 (%)
Pathum Thani Water Company Limited	Production and sale of treated water in Pathumthani	Thailand	98.0	98.0
Thai Water Operations Company Limited (31.5% held by Pathum Thani Water Company Limited)	Operating and maintenance of water supply project	Thailand	68.5	68.5

- b) The Company is deemed to have control over an investee or subsidiaries if it has rights, or is exposed, to variable returns from its involvement with the investee, and it has the ability to direct the activities that affect the amount of its returns.
- c) Subsidiaries are fully consolidated, being the date on which the Company obtains control, and continue to be consolidated until the date when such control ceases.
- d) The financial statements of the subsidiaries are prepared using the same significant accounting policies as the Company.
- e) Material balances and transactions between the Group have been eliminated from the consolidated financial statements.
- f) Non-controlling interests represent the portion of profit or loss and net assets of the subsidiaries that are not held by the Company and are presented separately in the consolidated profit or loss and within equity in the consolidated statement of financial position.

2.3 The separate financial statements present investments in subsidiaries and associate under the cost method.

3. New financial reporting standards

a) Financial reporting standards that became effective in the current year

During the year, the Group has adopted the revised (revised 2019) and new financial reporting standards and interpretations which are effective for fiscal years beginning on or after 1 January 2020. These financial reporting standards were aimed at alignment with the corresponding International Financial Reporting Standards with most of the changes directed towards clarifying accounting treatment and providing accounting guidance for users of the standards. The adoption of these financial reporting standards does not have any significant impact on the Group's financial statements. However, the new standard involves changes to key principles, which are summarised below:

Financial reporting standards related to financial instruments

A set of TFRSs related to financial instruments consists of five accounting standards and interpretations, as follows:

Financial reporting standards:

TFRS 7	Financial Instruments: Disclosures
TFRS 9	Financial Instruments

Accounting standard:

TAS 32	Financial Instruments: Presentation
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Financial Reporting Standard Interpretations:

TFRIC 16	Hedges of a Net Investment in a Foreign Operation
TFRIC 19	Extinguishing Financial Liabilities with Equity Instruments

These TFRSs related to financial instruments make stipulations relating to the classification of financial instruments and their measurement at fair value or amortised cost (taking into account the type of instrument, the characteristics of the contractual cash flows and the Company's business model), calculation of impairment using the expected credit loss method, and hedge accounting. These include stipulations regarding the presentation and disclosure of financial instruments.

The adoption of these standards has the impact on the Group's financial statements to result in the following adjustments.

- Classification and measurement of investments in available-for-sale equity securities - The Group has elected to irrevocably classify these investments as financial assets at fair value through profit or loss. The cumulative gains (or losses) on changes in the value of reclassified available-for-sale investments that were previously presented in other comprehensive income is to be reclassified to retained earnings.

- Classification and measurement of investments in debt securities - The Group has decided to classify these investments as financial assets at amortised cost.
- Recognition of derivatives - The Group initially recognises derivatives at their fair value on the contract date and subsequently measure them at fair value at the end of each reporting period. Changes in the fair value of derivatives are recognised in profit or loss.

The Group recognised the cumulative effect of the adoption of these financial reporting standards as an adjustment to retained earnings and other components of shareholders' equity as at 1 January 2020, and the comparative information was not restated.

The cumulative effect of the change is described in Note 4 to the financial statements.

TFRS 16 Leases

TFRS 16 supersedes TAS 17 Leases together with related Interpretations. The standard sets out the principles for the recognition, measurement, presentation and disclosure of leases, and requires a lessee to recognise assets and liabilities for all leases with a term of more than 12 months, unless the underlying asset is low value.

Accounting by lessors under TFRS 16 is substantially unchanged from TAS 17. Lessors will continue to classify leases as either operating or finance leases.

The Group recognised the cumulative effect of the adoption of this financial reporting standard as an adjustment to retained earnings as at 1 January 2020, and the comparative information was not restated.

The cumulative effect of the change is described in Note 4 to the financial statements.

b) Financial reporting standards that became effective for fiscal years beginning on or after 1 January 2021

The Federation of Accounting Professions issued a number of revised financial reporting standards and interpretations, which are effective for fiscal years beginning on or after 1 January 2021. These financial reporting standards were aimed at alignment with the corresponding International Financial Reporting Standards with most of the changes directed towards clarifying accounting treatment and providing accounting guidance for users of the standards.

The management of the Group is currently evaluating the impact of these standards to the financial statements in the year when they are adopted.

4. Cumulative effects of changes in accounting policies due to the adoption of new financial reporting standards

As described in Note 3 to the financial statements, during the current year, the Group has adopted financial reporting standards related to financial instruments and TFRS 16. The cumulative effect of initially applying these standards is recognised as an adjustment to retained earnings and other components of shareholders' equity as at 1 January 2020. Therefore, the comparative information was not restated.

The impacts of changes in accounting policies on the statement of financial position at the beginning of 2020 due to the adoption of these standards are presented as follows:

				(Unit: Thousand Baht)
				Consolidated financial statements
				The effect of financial reporting standards related to
	31 December 2019	Financial instruments	1 January TFRS 16	2020
Statement of financial position				
Assets				
Current assets				
Current investments	3,035,147	(3,035,147)	-	-
Other current financial assets	-	3,035,147	-	3,035,147
Non-current assets				
Other non-current financial assets	-	18,525	-	18,525
Other long-term investments	18,525	(18,525)	-	-
Property, plant and equipment	794,732	-	41,945	836,677
Liabilities and shareholders' equity				
Current liabilities				
Current portion of lease liabilities	-	-	9,484	9,484
Non-current liabilities				
Lease liabilities, net of current portion	-	-	32,461	32,461
Shareholders' equity				
Retained earnings - unappropriated	4,883,932	(380)	-	4,883,552
Other components of shareholders' equity	(520,796)	380	-	(520,416)

(Unit: Thousand Baht)

	Separate financial statements		
	The effect of financial reporting standards related to		
	31 December 2019	Financial instruments	1 January 2020
Statement of financial position			
Assets			
Current assets			
Current investments	2,252,003	(2,252,003)	-
Other current financial assets	-	2,252,003	2,252,003
Non-current assets			
Property, plant and equipment	729,443	-	40,034
Liabilities and shareholders' equity			
Current liabilities			
Current portion of lease liabilities	-	-	8,764
Non-current liabilities			
Lease liabilities, net of current portion	-	-	31,270
4.1 Financial instruments			
a) Details of the impact on retained earnings and other components of shareholders' equity as at 1 January 2020 due to the adoption of financial reporting standards related to financial instruments are presented as follows:			
	(Unit: Thousand Baht)		
	Consolidated financial statements	Separate financial statements	
	Other components of shareholders' equity	Retained earnings	Other components of shareholders' equity
Classification of available-for-sale equity investments as financial assets at fair value through profit or loss	(380)	380	-
Recognition of derivatives at fair value through profit or loss	-	-	-
Impacts of the adoption of financial reporting standards related to financial instruments	(380)	380	-

- b) As at 1 January 2020, classification and measurement of financial assets required by TFRS 9, in comparison with classification and the former carrying amount, are as follows:

(Unit: Thousand Baht)

	Consolidated financial statements		
	The former carrying amount	Classification and measurement in accordance with TFRS 9	
		Fair value through profit	
Financial assets as at 1 January 2020			
Cash and cash equivalents	76,571	-	76,571
Trade and other receivables	564,935	-	564,935
Other current financial assets	3,035,147	2,279,891	755,256
Derivatives assets	-	-*	-
Other non-current financial assets	18,525	4,525	14,000
Total financial assets	3,695,178	2,284,416	1,410,762
			3,695,178

* Although the warrants to purchase ordinary shares have an active market, the exercise price of those warrants is significantly higher than the market value of ordinary shares, thereby rendering it unprofitable to exercise the warrants or "out of the money". The Group's management considered that buying and selling prices of the warrants in the market do not represent the best fair value.

(Unit: Thousand Baht)

	Separate financial statements		
	The former carrying amount	Classification and measurement in accordance with TFRS 9	
		Fair value through profit	
Financial assets as at 1 January 2020			
Cash and cash equivalents	71,631	-	71,361
Trade and other receivables	385,762	-	385,762
Other current financial assets	2,252,003	1,776,747	475,256
Long-term loans to related parties	171,478	-	171,478
Total financial assets	2,880,604	1,776,747	1,103,857
			2,880,604

As at 1 January 2020, the Group has not designated any financial liabilities at fair value through profit or loss.

4.2 Leases

On adoption of TFRS 16, the Group recognised lease liabilities in relation to leases that previously classified as operating leases measured at the present value of the remaining lease payments, discounted using the Group's incremental borrowing rate as of 1 January 2020. For leases that previously classified as finance leases, the Group recognised the carrying amount of the lease assets and lease liabilities before transition as right-of-use assets and lease liabilities, respectively at the date of initial application.

	(Unit: Thousand Baht)	
	Consolidated financial statements	Separate financial statements
Operating lease commitments as at 31 December 2019	51,874	49,911
Less: Short-term leases and leases of low-value assets	(209)	(209)
Less: Others	(136)	(273)
Less: Deferred interest expenses	<u>(9,584)</u>	<u>(9,395)</u>
Increase in lease liabilities due to TFRS 16 adoption	41,945	40,034
Liabilities under finance lease agreements as at 31 December 2019	-	-
Lease liabilities as at 1 January 2020	<u>41,945</u>	<u>40,034</u>
Weighted average incremental borrowing rate (percent per annum)	2.86 - 8.03	2.86 - 5.50
Comprise of:		
Current lease liabilities	9,484	8,764
Non-current lease liabilities	<u>32,461</u>	<u>31,270</u>
	<u>41,945</u>	<u>40,034</u>

5. Significant accounting policies

5.1 Revenue and expense recognition

Sales of treated water

Sales of treated water are recognised when the Group supplies the water to the Provincial Waterworks Authority, and comprise the invoiced value, excluding value added tax, of the treated water supplied, after deducting discounts and allowances.

Service income

Service income is recognised at a point in the time upon completion of service, presents the invoiced value, excluding value added tax, of services rendered.

Interest income

Interest income is calculated using the effective interest method and recognised on an accrual basis. The effective interest rate is applied to the gross carrying amount of a financial asset, unless the financial assets subsequently become credit-impaired when it is applied to the net carrying amount of the financial asset (net of the expected credit loss allowance).

Finance cost

Interest expense from financial liabilities at amortised cost is calculated using the effective interest method and recognised on an accrual basis.

Dividends

Dividends are recognised when the right to receive the dividends is established.

Other income and expenses

Other income and expenses are recognised on an accrual basis.

5.2 Cash and cash equivalents

Cash and cash equivalents consist of cash in hand and at banks, and all highly liquid investments with an original maturity of three months or less and not subject to withdrawal restrictions.

5.3 Raw materials and supplies

Raw materials and supplies are valued at the lower of cost (under the first-in, first-out method) and net realisable value and are charged to treated water production costs whenever consumed.

5.4 Investments in subsidiaries and associate

Investment in associate is accounted for in the consolidated financial statements using the equity method.

Investments in subsidiaries and associate are accounted for in the separate financial statements using the cost method.

Investment costs of subsidiaries are the values paid for their acquisition. The subsidiary is engaged in business under the agreement for the production and sale of treated water with the Provincial Waterworks Authority and concessions granted by state enterprises or government agencies, which have defined fixed periods of operation, as stipulated in the agreement and concessions; and the subsidiary has committed to transfer most of its assets used in the operation to the Provincial Waterworks Authority. Hence, parts of the investment cost are deemed to be investments in the acquisition of rights to operate business under the agreement and concessions, and are amortised on a straight-line basis over the remaining periods of the agreements, commencing from the date of investment in the subsidiary. This amortised amount is presented as amortisation of investments in subsidiaries, and recognised as an expense in profit or loss.

In addition, parts of the investment costs in the subsidiary to which the subsidiary transferred most of its operations after investment, in order to reduce future operating costs, was amounts paid for acquisition of such operations. These are amortised on a straight-line basis over the remaining period of the Water Purchase Agreement made between the Company and the Provincial Waterworks Authority, commencing from the date of investing in the subsidiary, and presented as amortisation of investments in subsidiaries. The amortised amount is recognised as expense in profit or loss.

5.5 Property, plant and equipment/Depreciation

Land is stated at cost. Building and equipment are stated at cost less accumulated depreciation and allowance for loss on impairment of assets (if any).

Depreciation of assets is generally calculated by reference to their costs on the straight-line basis over estimated useful lives of 3, 5 and 10 years. However, depreciation of the Company's assets used for production of treated water is calculated using the units of production method, based on the following formula:

$$\text{Depreciation for the period} = \text{Net assets for production of treated water at the beginning of the period} \\ \times \text{Percentage of treated water produced in the period}$$

$$\text{Percentage of treated water} = \frac{\text{Current period's actual production of treated water}}{\text{produced in the period}} \\ \text{produced in the period} = \frac{\text{Actual production of treated water for the period} + \text{Projected total production}}{\text{of treated water over the remaining term of the Water Purchase Agreement}} \\ \text{or the end of useful live of the assets for production of treated water})$$

$$\text{Net assets for production of treated water at the beginning of the period} = \text{Total assets for production of treated water} - \text{Accumulated depreciation as at the beginning of the period}$$

Assets for production of treated water consist of costs of construction of a water treatment plant and distribution system, and related interest expenses and financial costs.

Depreciation is included in determining income.

No depreciation is provided on land and assets under installation.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on disposal of an asset is included in profit or loss when the asset is derecognised.

5.6 Assets for production of treated water that must be transferred at end of concession and amortisation

Assets for production of treated water of Pathum Thani Water Company Limited that must be transferred to the Provincial Waterworks Authority at the end of the concession to produce and sell treated water (land, water treatment plant and distribution system) are stated at cost less accumulated amortisation and any impairment losses. Amortisation of assets for production of treated water is calculated using the units of production method, based on the following formula:

Amortisation for the period	= Net assets for production of treated water that must be transferred at end of concession at the beginning of the period x Percentage of treated water produced in the period
Percentage of treated water produced in the period	= $\frac{\text{Current period's actual production of treated water}}{(\text{Actual production of treated water for the period} + \text{Projected total production of treated water over the remaining term of concession for production and sale of treated water})}$
Net assets for production of treated water that must be transferred at end of concession at the beginning of the period	= Total assets for production of treated water that must be transferred at end of concession - Accumulated amortisation as at the beginning of the period

Amortisation is included in determining income.

No amortisation is provided on assets under installation.

5.7 Rights to produce and sell treated water and treat waste water and amortisation

The Company recorded cost of rights to produce and sell treated water and treat waste water ("Operation rights") at cost as at the acquisition date, and allocated such cost in line with forecasted revenues calculated as at the acquisition date.

a) Rights to produce and sell treated water

Rights to produce and sell treated water are stated at cost less accumulated amortisation and any impairment losses. Amortisation of the rights is calculated using the units of production method, based on the following formula:

$$\text{Amortisation for the period} = \frac{\text{Net rights to produce and sell treated water as at the beginning of the period} \times \text{Percentage of treated water produced in the period}}{1}$$

$$\text{Percentage of treated water} = \frac{\text{Current period's actual production of treatment water}}{(\text{Actual production of treated water for the period} + \text{Projected total production of treated water over the remaining term of operation rights})}$$

$$\text{Net rights to produce and sell treated water at the beginning of the period} = \text{Total rights to treated water} - \text{Accumulated amortisation as at the beginning of the period}$$

Amortisation is included in determining income.

No amortisation is provided on construction in progress.

b) Rights to treat waste water

Rights to treat waste water are stated at cost less accumulated amortisation and any impairment losses. Amortisation of the rights is calculated using the units of production method, based on the following formula:

$$\text{Amortisation for the period} = \frac{\text{Net rights to treat waste water at the beginning of the period}}{1} \times \text{Percentage of waste water treatment in the period}$$

$$\text{Percentage of waste water} = \frac{\text{Current period's actual treatment of waste water}}{(\text{Actual treatment of waste water for the period} + \text{Projected total treatment of waste water over the remaining term of operation rights})}$$

$$\text{Net rights to treat waste water at the beginning of the period} = \text{Total rights to treat waste water} - \text{Accumulated amortisation as at the beginning of the period}$$

Amortisation is included in determining income.

No amortisation is provided on construction in progress.

5.8 Rights to produce and sell treated water from business acquisition and amortisation

Rights to produce and sell treated water, which arose as a result of the acquisition of ordinary shares in Pathum Thani Water Company Limited being made at a cost higher than the fair value of this subsidiary, is regarded as an intangible asset with a definite life. It is carried at cost less accumulated amortisation and any impairment losses.

The Company amortises it on a straight-line basis over the remaining period of the subsidiary's agreement for the production and sale of treated water, starting from the acquisition date, (approximately 16 years) and tested for impairment whenever there is an indication that it may be impaired. The amortisation period and the amortisation method for rights to produce and sell treated water are reviewed at least at each financial year end. The amortisation expense is charged to profit or loss.

5.9 Intangible assets

The intangible assets are assets for maintenance, management project, waste water treatment and sludge management system of the subsidiary are carried at cost less accumulated amortisation and any accumulated impairment losses.

Intangible assets with finite lives are amortised on a systematic basis over the economic useful life (10 years and 20 years) and tested for impairment whenever there is an indication that the intangible asset may be impaired. The amortisation period and the amortisation method of such intangible assets are reviewed at least at each financial year end. The amortisation expense is charged to profit or loss.

No amortisation is provided on intangible assets under installation.

5.10 Leases

At inception of contract, the Group assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

The Group applied a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. At the commencement date of the lease (i.e. the date the underlying asset is available for use), the Group recognises right-of-use assets representing the right to use underlying assets and lease liabilities based on lease payments.

a) Right-of-use assets

Right-of-use assets are measured at cost, less any accumulated depreciation, any accumulated impairment losses, and adjusted for any remeasurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities initially recognised, initial direct costs incurred, and lease payments made at or before the commencement date of the lease less any lease incentives received.

Depreciation of right-of-use assets are calculated by reference to their costs, on the straight-line basis over the shorter of their estimated useful lives and the lease term.

Land	15 and 20 years
Motor vehicles	1 - 5 years

If ownership of the leased asset is transferred to the Group at the end of the lease term or the cost reflects the exercise of a purchase option, depreciation is calculated using the estimated useful life of the asset.

Right of use are presented as property, plant and equipment in the financial position.

b) Lease liabilities

Lease liabilities are measured at the present value of the lease payments to be made over the lease term. The lease payments include fixed payments less any lease incentives receivable, variable lease payments that depend on an index or a rate, and amounts expected to be payable under residual value guarantees. Moreover, the lease payments include the exercise price of a purchase option reasonably certain to be exercised by the Group and payments of penalties for terminating the lease, if the lease term reflects the Group exercising an option to terminate. Variable lease payments that do not depend on an index or a rate are recognised as expenses in the period in which the event or condition that triggers the payment occurs.

The Group discounted the present value of the lease payments by the interest rate implicit in the lease or the Group's incremental borrowing rate. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a change in the lease term, a change in the lease payments or a change in the assessment of an option to purchase the underlying asset.

c) Short-term leases and leases of low-value assets

A lease that has a lease term less than or equal to 12 months from commencement date or a lease of low-value assets is recognised as expenses on a straight-line basis over the lease term.

Accounting policies adopted before 1 January 2020

Leases of property, plant or equipment which do not transfer substantially all the risks and rewards of ownership are classified as operating leases. Operating lease payments are recognised as an expense in profit or loss on a straight-line basis over the lease term.

5.11 Related party transactions

Related parties comprise individuals or enterprises that control, or are controlled by, the Company, whether directly or indirectly, or which are under common control with the Company.

They also include associated companies, and individuals or enterprises which directly or indirectly own a voting interest in the Company that gives them significant influence over the Company, key management personnel, directors and officers with authority in the planning and direction of the Company's operations.

5.12 Impairment of non-financial assets

At the end of each reporting period, the Group performs impairment reviews in respect of the property, plant and equipment, right-of-use assets and other intangible assets whenever events or changes in circumstances indicate that an asset may be impaired. The Group also carries out annual impairment reviews in respect of rights to produce and sell treated water. An impairment loss is recognised when the recoverable amount of an asset, which is the higher of the asset's fair value less costs to sell and its value in use, is less than the carrying amount.

An impairment loss is recognised in profit or loss.

5.13 Employee benefits

Short-term employee benefits

Salaries, wages, bonuses and contributions to the social security fund are recognised as expenses when incurred.

Post-employment benefits

Defined contribution plans

The Group and its employees have jointly established a provident fund. The fund is monthly contributed by employees and by the Group. The fund's assets are held in a separate trust fund and the Group's contribution is recognised as expenses when incurred.

Defined benefit plans

The Group has obligations in respect of the severance payments it must make to employees upon retirement under labor law. The Group treats these severance payment obligations as a defined benefit plan.

The obligation under the defined benefit plan is determined by a professionally qualified independent actuary based on actuarial techniques, using the projected unit credit method.

Actuarial gains and losses arising from defined benefit plans are recognised immediately in other comprehensive income.

5.14 Provisions

Provisions are recognised when the Group has a present obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

5.15 Income tax

Income tax expense represents the sum of corporate income tax currently payable and deferred tax.

Current tax

Current income tax is provided in the accounts at the amount expected to be paid to the taxation authorities, based on taxable profits determined in accordance with tax legislation.

Deferred tax

Deferred income tax is provided on temporary differences between the tax bases of assets and liabilities and their carrying amounts at the end of each reporting period, using the tax rates enacted at the end of the reporting period.

The Group recognises deferred tax liabilities for all taxable temporary differences while it recognise deferred tax assets for all deductible temporary differences and tax losses carried forward to the extent that it is probable that future taxable profit will be available against which such deductible temporary differences and tax losses carried forward can be utilised.

At each reporting date, the Group reviews and reduces the carrying amount of deferred tax assets to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilised.

The Group records deferred tax directly to shareholders' equity if the tax relates to items that are recorded directly to shareholders' equity.

5.16 Financial instruments

The Group initially measures financial assets at its fair value plus, in the case of financial assets that are not measured at fair value through profit or loss, transaction costs. However, trade receivables, that do not contain a significant financing component are measured at the transaction price as disclosed in the accounting policy relating to revenue recognition.

Classification and measurement of financial assets

Financial assets are classified, at initial recognition, as to be subsequently measured at amortised cost, fair value through other comprehensive income (FVOCI), or fair value through profit or loss (FVTPL). The classification of financial assets at initial recognition is driven by the Group's business model for managing the financial assets and the contractual cash flows characteristics of the financial assets.

Financial assets at amortised cost

The Group measures financial assets at amortised cost if the financial asset is held in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Financial assets at amortised cost are subsequently measured using the effective interest rate (EIR) method and are subject to impairment. Gains and losses are recognised in profit or loss when the asset is derecognised, modified or impaired.

Financial assets at FVTPL

Financial assets measured at FVTPL are carried in the statement of financial position at fair value with net changes in fair value recognised in profit or loss.

These financial assets include derivatives, security investments held for trading, equity investments which the Group has not irrevocably elected to classify at FVOCI and financial assets with cash flows that are not solely payments of principal and interest.

Classification and measurement of financial liabilities

Except for derivative liabilities, at initial recognition the Group's financial liabilities are recognised at fair value net of transaction costs and classified as liabilities to be subsequently measured at amortised cost using the EIR method. Gains and losses are recognised in profit or loss when the liabilities are derecognised as well as through the EIR amortisation process. In determining amortised cost, the Group takes into account any fees or costs that are an integral part of the EIR. The EIR amortisation is included in finance costs in profit or loss.

Derecognition of financial instruments

A financial asset is primarily derecognised when the rights to receive cash flows from the asset have expired or have been transferred and either the Group has transferred substantially all the risks and rewards of the asset, or the Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognised in profit or loss.

Impairment of financial assets

The Group recognises an allowance for expected credit losses (ECLs) for all debt instruments not held at FVTPL. ECLs are based on the difference between the contractual cash flows due in accordance with the contract and all the cash flows that the Group expects to receive, discounted at an approximation of the original effective interest rate.

For credit exposures for which there has not been a significant increase in credit risk since initial recognition, ECLs are provided for credit losses that result from default events that are possible within the next 12-months (a 12-month ECL). For those credit exposures for which there has been a significant increase in credit risk since initial recognition, a loss allowance is required for credit losses expected over the remaining life of the exposure (a lifetime ECL).

The Group considers a significant increase in credit risk to have occurred when contractual payments are more than 30 days past due, and considers a financial asset in default when contractual payments are 90 days past due. However, in certain cases, the Group may also consider a financial asset to have a significant increase in credit risk and to be in default using other internal or external information, such as credit rating of issuers.

For trade receivables, the Group applies a simplified approach in calculating ECLs. Therefore, the Group does not track changes in credit risk, but instead recognises a loss allowance based on lifetime ECLs at each reporting date. It is based on its historical credit loss experience and adjusted for forward-looking factors specific to the debtors and the economic environment.

A financial asset is written off when there is no reasonable expectation of recovering the contractual cash flows.

Accounting policies adopted before 1 January 2020

Trade accounts receivable

Trade accounts receivable are stated at the net realisable value. Allowance for doubtful accounts is provided for the estimated losses that may be incurred in collection of receivables. The allowance is generally based on collection experience and analysis of debt aging.

Investments

- a) Investments in securities held for trading are stated at fair value. Changes in the fair value of these securities are recorded in profit or loss.
- b) Investment in available-for-sale securities are stated at fair value. Changes in the fair value of these securities are recorded in other comprehensive income, and will be recorded in profit or loss when the securities are sold.
- c) Investments in debt securities, both due within one year and expected to be held to maturity, are recorded at amortised cost. The premium/discount on debt securities is amortised/accreted by the effective rate method with the amortised/accreted amount presented as an adjustment to the interest income.

The fair value of marketable securities is based on the latest bid price of the last working day of the year. The fair value of debt instruments is determined based on yield rates quoted by the Thai Bond Market Association. The fair value of unit trusts is determined from their net asset value.

The weighted average method is used for computation of the cost of investments.

On disposal of an investment, the difference between net disposal proceeds and the carrying amount of the investments is recognised in profit or loss.

5.17 Hedge accounting - Cash flow hedges

Associate applies hedge accounting when the risk that has been hedged can be clearly identified and the effectiveness of the hedge can be measured.

Gains or losses arising from changes in the fair value of hedging instruments that effectively hedge exposure to fluctuations in cash flows that are either attributable to a particular risk associated with financial asset, financial liability, or highly probable forecast transactions, are recognised directly in other comprehensive income and transferred to be recognised in profit or loss when the hedged cash flow transactions occur. However, if the hedging instruments are not effective, any gains or losses from changes in the fair value of the hedging instruments are recognised immediately to profit or loss.

5.18 Fair value measurement

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between buyer and seller (market participants) at the measurement date. The Group applies a quoted market price in an active market to measure their assets and liabilities that are required to be measured at fair value by relevant financial reporting standards. Except in case of no active market of an identical asset or liability or when a quoted market price is not available, the Group measures fair value using valuation technique that are appropriate in the circumstances and maximises the use of relevant observable inputs related to assets and liabilities that are required to be measured at fair value.

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorised within the fair value hierarchy into three levels based on categorise of input to be used in fair value measurement as follows:

- Level 1 - Use of quoted market prices in an active market for such assets or liabilities
- Level 2 - Use of other observable inputs for such assets or liabilities, whether directly or indirectly
- Level 3 - Use of unobservable inputs such as estimates of future cash flows

At the end of each reporting period, the Group determines whether transfers have occurred between levels within the fair value hierarchy for assets and liabilities held at the end of the reporting period that are measured at fair value on a recurring basis.

6. Significant accounting judgements and estimates

The preparation of financial statements in conformity with financial reporting standards at times requires management to make subjective judgements and estimates regarding matters that are inherently uncertain. These judgements and estimates affect reported amounts and disclosures, and actual results could differ from these estimates. Significant judgements and estimates are as follows:

Assets for production of treated water and rights to produce and sell treated water and treat waste water

In determining recognised the amortisation expenses of the assets for the production of treated water, the rights to produce, sell treated water and treat waste water of the Company and the assets that must be transferred at the end of concession of the subsidiary. The Group used the units of production method which required an estimate of the number of units of treated water to be produced in the future, until the end of the concession period or the end of the operation contract or the end of useful live of the assets for the production of treated water of the Company or the end of the concession period of the subsidiary. The management must use judgement to estimate the amount of future production, based on present production volumes, production capacity, demand from customers, economic and industry conditions. This affect the amount of the amortisation expenses.

7. Related party transactions

During the years, the Group had significant business transactions with related parties. Such transactions, which are summarised below, arose in the ordinary course of business and were concluded on commercial terms and bases agreed upon between the Company and those related parties.

(Unit: Thousand Baht)

	Consolidated		Separate		Transfer pricing policy
	financial statements	2020	financial statements	2020	
	2019		2019		
<u>Transactions with subsidiary companies</u>					
(eliminated from the consolidated financial statements)					
Interest income	-	-	5,226	13,664	Minimum Loan Rate minus stipulated margin per annum
Management income	-	-	17,547	15,600	Based on contract
Dividend income	-	-	963,534	932,394	As declared
Cost of sales and services	-	-	36,732	36,897	Based on contract
<u>Transaction with associate</u>					
Dividend income	-	-	60,923	52,238	As declared

(Unit: Thousand Baht)

	Consolidated		Separate		Transfer pricing policy	
	financial statements		financial statements			
	2020	2019	2020	2019		
<u>Transactions with related parties</u>						
Sales of treated water	48,460	51,779	48,460	51,779	Based on contract	
Service income	3,376	3,680	3,376	3,680	Based on contract	
Improvement of water supply						
pumping system expenses	-	6,627	-	6,627	Based on contract	
Improvement of machinery, equipment of						
water supply and distribution system	441,586	117,466	233,470	117,466	Based on contract	
Cost of sales and services	6,564	5,368	6,555	5,346	Based on contract	
Electricity expenses	13,614	7,161	13,614	7,161	Based on contract	
Purchase of raw materials	9,321	8,344	9,321	8,344	Selling prices as specified	

As at 31 December 2020 and 2019, the balances of the accounts between the Company and those related parties are as follows:

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
<u>Trade and other receivables - related parties (Note 9)</u>				
Subsidiaries	-	-	3,995	1,391
Related companies (related by shareholders or committees)	4,376	4,177	4,376	4,177
Total trade and other receivables - related parties	4,376	4,177	8,371	5,568
<u>Advance payment to subcontractor - related party</u>				
Related company (related by committees)	23,268	46,694	-	46,694
Total advance payment to subcontractor - related party	23,268	46,694	-	46,694
<u>Trade and other payables - related parties (Note 21)</u>				
Subsidiaries	-	-	3,212	3,279
Related companies (related by shareholders or committees)	55,287	20,366	36,802	20,366
Related companies (entities under the group of Companies of the shareholders)	2,028	1,954	2,028	1,954
Total trade and other payables - related parties	57,315	22,320	42,042	25,599
<u>Retention payable - subsidiary</u>				
-	-	5,000	5,000	
-	-	5,000	5,000	

Long-term loans to related party

As at 31 December 2020 and 2019, the balance of long-term loans between the Company and a related party and the movement are as follows:

(Unit: Thousand Baht)

Company's name	Related by	Separate financial statements			Balance as at 31 December 2020
		Balance as at 1 January 2020	Increase during the year	Decrease during the year	
Pathum Thani Water Company Limited	Subsidiary				
Loan		171,440	-	(57,140)	114,300
Interest receivable		38	5,226	(5,244)	20
Total		<u>171,478</u>			<u>114,320</u>

(Unit: Thousand Baht)

Separate financial statements	
2020	2019

Long-term loans to related party and interest receivable

Pathum Thani Water Company Limited

Loan	114,300	171,440
Interest receivable	20	38
Total	114,320	171,478
Less: Current portion and interest receivable	(57,160)	(57,178)
Long-term loans to related party, net of current portion	57,160	114,300

Long-term loans to subsidiary were subject to interest at the Minimum Loan Rate minus a stipulated margin (MLR - margin) per annum. Repayment is to be made in quarterly installments and due in full within December 2022.

Directors and management's benefits

During the years ended 31 December 2020 and 2019, the Group had employee benefit expenses payable to their directors and management as below.

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Short-term employee benefits	61,910	62,406	52,362	47,748
Post-employment benefits	1,589	2,371	1,263	1,245
Total	63,499	64,777	53,625	48,993

8. Cash and cash equivalents

(Unit: Thousand Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Cash	497	493	139	136
Bank deposits	91,472	76,078	86,101	71,225
Total	91,969	76,571	86,240	71,361

As at 31 December 2020, bank deposits in saving accounts and fixed deposits carried interests between 0.125% and 0.250% per annum. (2019: between 0.125% and 0.750%)

9. Trade and other receivables

(Unit: Thousand Baht)

	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
<u>Trade receivables - related parties</u>				
Aged on the basis of due dates				
Not yet due	4,368	4,171	4,368	4,171
Past due				
Up to 3 months	8	6	8	6
Total trade receivables - related parties	4,376	4,177	4,376	4,177
<u>Trade receivables - unrelated parties</u>				
Aged on the basis of due dates				
Not yet due	544,841	550,820	365,216	371,634
Past due				
Up to 3 months	3,075	7,770	3,075	7,770
Total trade receivables - unrelated parties	547,916	558,590	368,291	379,404
Total trade receivables	552,292	562,767	372,667	383,581
<u>Other receivables</u>				
Other receivables - related parties	-	-	3,995	1,391
Other receivables - unrelated parties	24,322	19,896	11,566	11,221
Interest receivables - unrelated parties	979	2,168	581	790
Total other receivables	25,301	22,064	16,142	13,402
Less: Allowance for expected credit losses				
(2019: Allowance for doubtful accounts)	(19,682)	(19,896)	(11,221)	(11,221)
Total other receivables - net	5,619	2,168	4,921	2,181
Total trade and other receivables - net	557,911	564,935	377,588	385,762

10. Raw materials and supplies

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Raw materials	6,240	7,539	4,074	5,377
Spare parts	19,945	19,664	10,606	10,128
Total	26,185	27,203	14,680	15,505

11. Other current financial assets / Current investments

The balances represented investments in open-ended fund, debentures and fixed deposits, carrying interests and return on investments between 0.625% and 4.50% per annum (the Company only: between 0.625% and 0.75% per annum) (2019: between 0.65% and 1.85% per annum). The Company had maintained the fixed deposits according to the addition amendment of the agreement to the concession to operate treated water as described in Note 27 to the financial statements.

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
<u>Debt instruments at amortised cost</u>				
Fixed deposits over 3 months but less than 1 year	565,296	755,256	425,296	475,256
Current portion of debentures	5,000	-	-	-
Total debt instruments at amortised cost	570,296	755,256	425,296	475,256
<u>Financial assets state FVTPL</u>				
Investment in open-ended fund -				
Government debt securities	2,741,629	-	1,920,744	-
Privet sector debt securities	-	2,279,891	-	1,776,747
Total financial assets at FVTPL	2,741,629	2,279,891	1,920,744	1,776,747
Total other current financial assets	3,311,925	3,035,147	2,346,040	2,252,003

12. Other non-current financial assets / Other long-term investments

	(Unit: Thousand Baht)
	Consolidated
	financial statements
	2020
	2019
<u>Debt instruments at amortised cost</u>	
Debentures	14,000
Less: Current portion of debentures	(5,000)
Debentures - net of current portion	9,000
Total debt instruments at amortised cost	9,000
	14,000
<u>Financial assets at FVTPL</u>	
Real estate investment trust	5,000
Less: Unrealised loss on changes in value of investments	(1,225)
Real estate investment trust - net	3,775
Total financial assets at FVTPL	3,775
Total other non-current financial assets	12,775
	18,525

13. Investments in subsidiaries

Details of investments in subsidiaries as presented in separate financial statements are as follows:

Company's name	Shareholding						(Unit: Thousand Baht)	
	Paid-up capital		percentage		Cost		Dividend received	
	2020	2019	2020	2019	2020	2019	2020	2019
Pathum Thani Water Company Limited			(%)	(%)				
Pathum Thani Water Company Limited	1,200,000	1,200,000	98.0	98.0	3,998,310	3,998,310	963,534	932,394
Thai Water Operations Company Limited	60,000	60,000	68.5	68.5	700,000	700,000	-	-
					4,698,310	4,698,310	963,534	932,394
Less: Accumulated amortisation of investments in subsidiaries					(2,984,724)	(2,762,623)	-	-
Less: Dividend received from income before purchase of shares					(20,000)	(20,000)	-	-
Total					1,693,586	1,915,687	963,534	932,394

14. Investment in associate

(Unit: Thousand Baht)

Company's name	Nature of business	Country of incorporation	Consolidated financial statements					
			Shareholding percentage		Cost		Carrying amounts based on equity method	
			2020 (%)	2019 (%)	2020	2019	2020	2019
CK Power Public Company Limited	Making investment in other companies	Thailand	24.98	24.98	5,218,706	5,218,706	5,954,961	5,898,575
Total					<u>5,218,706</u>	<u>5,218,706</u>	<u>5,954,961</u>	<u>5,898,575</u>

(Unit: Thousand Baht)

Company's name	Nature of business	Country of incorporation	Separate financial statements					
			Shareholding percentage		Cost		Carrying amounts based on cost method	
			2020 (%)	2019 (%)	2020	2019	2020	2019
CK Power Public Company Limited	Making investment in other companies	Thailand	24.98	24.98	5,218,706	5,218,706	5,218,706	5,218,706
Total					<u>5,218,706</u>	<u>5,218,706</u>	<u>5,218,706</u>	<u>5,218,706</u>

14.1 Share of comprehensive income and dividend received

During the years, the Company has recognised its share of profit from investment in associate in the consolidated financial statements and dividend income in the separate financial statements as follows:

Associate	Consolidated financial statements				(Unit: Thousand Baht)	
	Share of profit from investment in associate during the years		Share of other comprehensive income from investment in associate during the years		Separate financial statements	
	2020	2019	2020	2019	2020	2019
CK Power Public Company Limited	101,098	280,254	16,211	23,348	60,923	52,238
Total	101,098	280,254	16,211	23,348	60,923	52,238

14.2 Fair value of investment in listed associate

In respect of investment in associate that is listed company on the Stock Exchange of Thailand, its fair value is as follows:

Associate	Fair values as at 31 December		(Unit: Thousand Baht)
	2020	2019	
CK Power Public Company Limited	9,057,189	10,072,569 ⁽¹⁾	
Total	9,057,189	10,072,569	

⁽¹⁾ Excluding the fair value of warrants amounting to Baht 104 million.

14.3 Summarised financial information about material associate

Summarised information about financial position

	CK Power Public Company Limited		(Unit: Thousand Baht)
	2020	2019	
Current assets	10,566,394	6,606,236	
Non-current assets	56,472,057	57,584,694	
Current liabilities	(6,275,216)	(3,393,751)	
Non-current liabilities	(25,725,247)	(25,250,474)	
Net assets	35,037,988	35,546,705	
Equity attributable to non-controlling interest of the associate	(11,263,573)	(11,998,021)	
Net assets of the Company	23,774,415	23,548,684	
Shareholding percentage	24.98%	24.98%	
Share of net assets	5,938,849	5,882,461	
Goodwill	16,112	16,114	
Carrying amounts of associate based on equity method	5,954,961	5,898,575	

Summarised information about comprehensive income

(Unit: Thousand Baht)

	CK Power Public Company Limited	
	For the years ended 31 December	
	2020	2019
Revenue	7,188,318	8,842,504
Profit	197,706	1,082,823
Other comprehensive income	67,490	(46,815)
Total comprehensive income	265,196	1,036,008

- 14.4 In May 2015, the Company received, at no cost, 490.64 million warrants to purchase newly issued ordinary shares at a ratio of 1 warrant to 1 ordinary share, and subsequently the associate adjusted the exercise ratio to 1 warrant to 1.0007 ordinary share with an exercise price of Baht 6 per share. The warrants have a term of 5 years from the date they were issued and offered and can be exercised every 3 months, beginning on 30 September 2015 and with the final exercise date on 28 May 2020.

15. Property, plant and equipment

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements	2020	financial statements	2019
Net book value:				
Property, plant and equipment	797,594	794,732	727,618	729,443
Right-of-use assets (Note 24)	72,942	-	63,901	-
Total	870,536	794,732	791,519	729,443

Movements of property, plant and equipment for the years ended 31 December 2020 and 2019 are summarised below.

(Unit: Thousand Baht)

	Consolidated financial statements						
	Land	Construction in progress	Building and building improvement	Furniture and office equipment	Motor vehicles	Tools	Total
Cost:							
1 January 2019	707,261	3,617	72,485	152,995	22,751	27,215	986,324
Additions	-	4,149	2,960	15,634	1,130	1,478	25,351
Disposals/written off	-	-	-	(15,253)	(2,403)	-	(17,656)
Transfer in (out)	-	(2,844)	191	2,653	-	-	-
Adjustment	-	(773)	-	-	-	-	(773)
31 December 2019	707,261	4,149	75,636	156,029	21,478	28,693	993,246
Adjustments of right-of-use assets due to TFRS 16 adoption (Note 4)	30,370	-	-	-	11,575	-	41,945
Additions	-	8,888	3,412	7,064	46,350	968	66,682
Disposals/written off	-	-	-	(1,352)	(10,061)	(82)	(11,495)
Transfer in (out)	-	(11,682)	2,900	8,782	-	-	-
31 December 2020	737,631	1,355	81,948	170,523	69,342	29,579	1,090,378
Accumulated depreciation:							
1 January 2019	-	-	28,599	122,585	21,960	24,678	197,822
Depreciation for the year	-	-	6,088	10,791	419	1,046	18,344
Depreciation on disposals/written off	-	-	-	(15,249)	(2,403)	-	(17,652)
31 December 2019	-	-	34,687	118,127	19,976	25,724	198,514
Depreciation for the year	1,677	-	6,671	13,051	10,206	1,185	32,790
Depreciation on disposals/written off	-	-	-	(1,319)	(10,061)	(82)	(11,462)
31 December 2020	1,677	-	41,358	129,859	20,121	26,827	219,842
Net book value:							
31 December 2019	707,261	4,149	40,949	37,902	1,502	2,969	794,732
31 December 2020	735,954	1,355	40,590	40,664	49,221	2,752	870,536
Depreciation for the year							
2019 (Baht 8 million included in cost of sales of treated water and service, and the remaining balance in administrative expenses)							18,344
2020 (Baht 13 million included in cost of sales of treated water and service, and the remaining balance in administrative expenses)							32,790

(Unit: Thousand Baht)

	Separate financial statements						
	Land	Construction in progress	Building and building improvement	Furniture and office equipment	Motor vehicles	Tools	Total
Cost:							
1 January 2019	652,529	3,617	72,485	99,498	12,487	12,150	852,766
Additions	-	4,149	2,960	12,681	1,019	348	21,157
Disposals/written off	-	-	-	(7,502)	(734)	-	(8,236)
Transfer in (out)	-	(2,844)	191	2,653	-	-	-
Adjustment	-	(773)	-	-	-	-	(773)
31 December 2019	652,529	4,149	75,636	107,330	12,772	12,498	864,914
Adjustments of right-of-use assets due to TFRS 16 adoption (Note 4)	30,370	-	-	-	9,664	-	40,034
Additions	-	8,888	3,412	4,312	33,863	56	50,531
Disposals/written off	-	-	-	(702)	(5,333)	(81)	(6,116)
Transfer in (out)	-	(11,682)	2,900	8,782	-	-	-
31 December 2020	682,899	1,355	81,948	119,722	50,966	12,473	949,363
Accumulated depreciation:							
1 January 2019	-	-	28,599	75,872	11,813	11,279	127,563
Depreciation for the year	-	-	6,088	9,344	374	336	16,142
Depreciation on disposals/written off	-	-	-	(7,500)	(734)	-	(8,234)
31 December 2019	-	-	34,687	77,716	11,453	11,615	135,471
Depreciation for the year	1,677	-	6,671	10,993	8,747	371	28,459
Depreciation on disposals/written off	-	-	-	(672)	(5,333)	(81)	(6,086)
31 December 2020	1,677	-	41,358	88,037	14,867	11,905	157,844
Net book value:							
31 December 2019	652,529	4,149	40,949	29,614	1,319	883	729,443
31 December 2020	681,222	1,355	40,590	31,685	36,099	568	791,519
Depreciation for the year							
2019 (Baht 7 million included in cost of sales of treated water and service, and the remaining balance in administrative expenses)							16,142
2020 (Baht 9 million included in cost of sales of treated water and service, and the remaining balance in administrative expenses)							28,459

As at 31 December 2020, certain items of plant and equipment were fully depreciated but are still in use. The gross carrying amount before deducting accumulated depreciation of those assets amounted to approximately Baht 146 million (the Company only: Baht 90 million) (2019: Baht 152 million (the Company only: Baht 92 million)).

16. Assets for production of treated water with public sector agency - assets that are owned by the Company

(Unit: Thousand Baht)

	Consolidated / Separate financial statements		
	Water treatment		
	plant and distribution	treated water system	Construction in progress
			Total
Cost:			
1 January 2019	14,381,371	31,403	14,412,774
Additions	9,477	117,466	126,943
Transfer in (out)	31,403	(31,403)	-
31 December 2019	14,422,251	117,466	14,539,717
Additions	-	236,372	236,372
Transfer in (out)	353,838	(353,838)	-
31 December 2020	14,776,089	-	14,776,089
Accumulated amortisation:			
1 January 2019	4,851,981	-	4,851,981
Amortisation for the year	477,814	-	477,814
31 December 2019	5,329,795	-	5,329,795
Amortisation for the year	480,940	-	480,940
31 December 2020	5,810,735	-	5,810,735
Net book value:			
31 December 2019	9,092,456	117,466	9,209,922
31 December 2020	8,965,354	-	8,965,354
Amortisation for the year			
2019			477,814
2020			480,940

Amortisation of such assets for production of treated water has been included as part of cost of sales of treated water.

17. Assets for production of treated water with public sector agency - assets that must be transferred at end of concession of subsidiary

(Unit: Thousand Baht)

Consolidated financial statements				
	Water			
	treatment	plant and	distribution	
	treated water		Construction in	
	Land	system	progress	Total
Cost:				
1 January 2019	413,401	6,548,349	-	6,961,750
31 December 2019	413,401	6,548,349	-	6,961,750
Additions	-	4,824	184,848	189,672
31 December 2020	413,401	6,553,173	184,848	7,151,422
Accumulated amortisation:				
1 January 2019	331,669	4,696,244	-	5,027,913
Amortisation for the year	17,067	355,813	-	372,880
31 December 2019	348,736	5,052,057	-	5,400,793
Amortisation for the year	17,114	386,994	-	404,108
31 December 2020	365,850	5,439,051	-	5,804,901
Net book value:				
31 December 2019	64,665	1,496,292	-	1,560,957
31 December 2020	47,551	1,114,122	184,848	1,346,521
Amortisation for the year				
2019				372,880
2020				404,108

Amortisation of such assets for production of treated water has been included as part of cost of sales of treated water.

Assets for production of treated water of Pathum Thani Water Company Limited will be transferred to the Provincial Waterworks Authority after the end of the 25-year concession to produce and sell treated water. The concession will be expired in 2023.

18. Rights to produce and sell treated water and treat waste water from private sector agency

The net book value of rights to produce and sell treated water and treat waste water from private sector agency as at 31 December 2020 and 2019 are presented below.

(Unit: Thousand Baht)

	Consolidated / Separate financial statements			
	Machinery and		Construction	
	Rights	equipment	in progress	Total
As at 31 December 2020:				
Cost	1,410,075	154,350	672	1,565,097
Less: Accumulated amortisation/depreciation	(459,864)	(23,614)	-	(483,478)
Net book value	<u>950,211</u>	<u>130,736</u>	<u>672</u>	<u>1,081,619</u>
As at 31 December 2019:				
Cost	1,410,075	154,350	-	1,564,425
Less: Accumulated amortisation/depreciation	(414,789)	(17,274)	-	(432,063)
Net book value	<u>995,286</u>	<u>137,076</u>	<u>-</u>	<u>1,132,362</u>

A reconciliation of the net book of right to produce and sell treated water and treat waste water from private sector agency for the years 2020 and 2019 is presented below.

(Unit: Thousand Baht)

	Consolidated / Separate financial statements			
	Machinery			
	and		Construction	
	Rights	equipment	in progress	Total
Net book value as at 1 January 2019	1,044,161	143,953	-	1,188,114
Amortisation/depreciation for the year	(48,875)	(6,877)	-	(55,752)
Net book value as at 31 December 2019	995,286	137,076	-	1,132,362
Acquisition at cost	-	-	672	672
Amortisation/depreciation for the year	(45,075)	(6,340)	-	(51,415)
Net book value as at 31 December 2020	<u>950,211</u>	<u>130,736</u>	<u>672</u>	<u>1,081,619</u>

Assets to produce and sell treated water and treat waste water from private sector must be transferred to the owner of the rights after the end of the 30-year concession. The concession will be expired in 2039.

19. Rights to produce and sell treated water from business acquisition

	(Unit: Thousand Baht)	
	Consolidated financial statements	
	2020	2019
Rights to produce and sell treated water from business acquisition	3,169,109	3,169,109
Less: Accumulated amortisation of rights to produce and sell treated water from business acquisition	<u>(2,626,416)</u>	<u>(2,430,935)</u>
Rights to produce and sell treated water from business acquisition, net	<u>542,693</u>	<u>738,174</u>

20. Intangible assets

The net book value of intangible assets as at 31 December 2020 and 2019 is presented below.

	(Unit: Thousand Baht)			
	Consolidated financial statements			
	Waste water treatment system	Sludge management system	Sludge management system under installation	Total
As at 31 December 2020				
Cost	14,104	12,000	-	26,104
Less: Accumulated amortisation	<u>(13,544)</u>	<u>(601)</u>	<u>-</u>	<u>(14,145)</u>
Net book value	<u>560</u>	<u>11,399</u>	<u>-</u>	<u>11,959</u>
As at 31 December 2019				
Cost	14,104	-	12,000	26,104
Less: Accumulated amortisation	<u>(12,380)</u>	<u>-</u>	<u>-</u>	<u>(12,380)</u>
Net book value	<u>1,724</u>	<u>-</u>	<u>12,000</u>	<u>13,724</u>

A reconciliation of the net book value of intangible assets for the years 2020 and 2019 is presented below.

	(Unit: Thousand Baht)			
	Consolidated financial statements			
	Waste water treatment system	Sludge management system	Sludge management system under installation	Total
Net book value as at 1 January 2019	2,884	-	-	2,884
Acquisition at cost	-	-	12,000	12,000
Amortisation	<u>(1,160)</u>	<u>-</u>	<u>-</u>	<u>(1,160)</u>
Net book value as at 31 December 2019	<u>1,724</u>	<u>-</u>	<u>12,000</u>	<u>13,724</u>
Transfer in (out)	-	12,000	(12,000)	-
Amortisation	<u>(1,164)</u>	<u>(601)</u>	<u>-</u>	<u>(1,765)</u>
Net book value as at 31 December 2020	<u>560</u>	<u>11,399</u>	<u>-</u>	<u>11,959</u>

21. Trade and other payables

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Trade payables - related party	2,028	1,954	5,240	5,233
Trade payables - unrelated parties	35,513	19,461	13,443	4,128
Amounts due to related parties	705	526	705	526
Amounts due to unrelated parties	25,589	27,014	22,083	21,509
Construction payable - related party	-	7,994	-	7,994
Construction payable - unrelated parties	-	7,768	-	-
Retention payable for contract work - related party	53,454	10,688	34,969	10,688
Retention payable for contract work - unrelated parties	5,438	4,314	4,050	3,491
Accrued expenses - related party	1,128	1,158	1,128	1,158
Accrued expenses - unrelated parties	81,136	78,627	52,963	49,680
Total trade and other payables	<u>204,991</u>	<u>159,504</u>	<u>134,581</u>	<u>104,407</u>

22. Long-term loans

(Unit: Thousand Baht)

Loan	Interest rate (% per annum)	Repayment schedule	Consolidated / Separate		
			financial statements	2020	2019
1	The 6-month fixed deposit rate + a stipulated margin	Repayment in full by 9 May 2020		-	2,760,000
2	Fixed rate at 2.95%	Quarterly installments as from March 2017 to December 2021		300,000	600,000
3	The 12-month fixed deposit rate + a stipulated margin	Quarterly installments as from June 2020 to June 2026		2,560,000	-
Total				2,860,000	3,360,000
Less: Current portion				(760,000)	(3,060,000)
Long-term loans, net of current portion				<u>2,100,000</u>	<u>300,000</u>

Movement of long-term loans account during the year ended 31 December 2020 is summarised below:

	(Unit: Thousand Baht)
	Consolidated / Separate financial statements
Balance as at 1 January 2020	3,360,000
Add: Reclassify current portion of long-term loans to long-term loans, net of current portion*	2,760,000
Less: Repayment	(500,000)
Return loan from refinance*	<u>(2,760,000)</u>
Balance as at 31 December 2020	<u>2,860,000</u>

* During the year, the Company has signed a loan agreement with a commercial bank to refinance long-term loans from the other bank, totaling Baht 2,760 million.

The loan agreements contain several covenants which, among other things, require the Company to maintain certain debt to equity ratio, net debt to EBITDA and EBITDA to interest ratio at the rate prescribed in the agreements.

23. Debentures

Debentures	Life	Date of issue	Maturity date	Interest rate (% per annum)	(Unit: Thousand Baht)	
					Consolidated / Separate financial statements	
1	10 years	22 February 2012	22 February 2022	4.60	2,000,000	2,000,000
2	5 years	6 February 2015	6 February 2020	3.37	-	500,000
3	10 years	21 May 2015	21 May 2025	3.98	1,400,000	1,400,000
4	5 years	1 February 2018	1 February 2023	2.33	1,000,000	1,000,000
5	7 years 2 months	20 December 2019	20 February 2027	2.41	<u>1,000,000</u>	<u>1,000,000</u>
Total					5,400,000	5,900,000
Less: Current portion of debentures					-	(500,000)
Less: Deferred debenture issuing costs					<u>(3,477)</u>	<u>(4,160)</u>
Debentures, net of current portion					<u>5,396,523</u>	<u>5,395,840</u>

All debentures of the Company are unsecured, senior debentures with no trustees and with a par value of Baht 1,000 each. The interest is payable every 6 months throughout the life of the debentures.

The Company is required to maintain certain financial ratios i.e. debt to equity ratio, net debt to EBITDA and EBITDA to interest ratio at the rate prescribed.

24. Leases

The Group as a lessee

The Group has lease contracts in its operations. Land leases have lease terms of 15 and 20 years and motor vehicles leases have lease terms between 1 - 5 years.

a) Right-of-use assets

Movement of right-of-use assets for the year ended 31 December 2020 are summarised below:

	Consolidated financial statements			Separate financial statements		
	Motor			Motor		
	Land	vehicles	Total	Land	vehicles	Total
1 January 2020	-	-	-	-	-	-
Adjustments of right-of-use assets due to TFRS 16 adoption (Note 4)	30,370	11,575	41,945	30,370	9,664	40,034
Additions	-	42,021	42,021	-	33,863	33,863
Depreciation for the year	(1,677)	(9,347)	(11,024)	(1,677)	(8,319)	(9,996)
31 December 2020	<u>28,693</u>	<u>44,249</u>	<u>72,942</u>	<u>28,693</u>	<u>35,208</u>	<u>63,901</u>

b) Lease liabilities

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Lease payments	84,869	-	74,562	-
Less: Deferred interest expenses	(13,125)	-	(11,929)	-
Total	71,744	-	62,633	-
Less: Portion due within one year	(11,166)	-	(9,035)	-
Lease liabilities - net of current portion	<u>60,578</u>	<u>-</u>	<u>53,598</u>	<u>-</u>

c) Expenses relating to leases that are recognised in profit or loss

(Unit: Thousand Baht)

	For the year ended 31 December 2020	
	Consolidated financial statements	Separate financial statements
Depreciation expense of right-of-use assets	11,024	9,996
Interest expense on lease liabilities	1,957	1,783
Expense relating to short-term leases	35,180	34,907
Expense relating to leases of low-value assets	227	-

d) Others

The Group had total cash outflows for leases for the year ended 31 December 2020 of Baht 50 million (the Company only: Baht 48 million), including the cash outflow related to short-term lease and leases of low-value assets. Moreover, the Group had non-cash additions to right-of-use assets and lease liabilities of Baht 42 million (the Company only: Baht 34 million).

25. Provision for long-term employee benefits

Provision for long-term employee benefits, which represents compensation payable to employees after they retire, was as follows:

	(Unit: Thousand Baht)			
	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Provision for long-term employee benefits				
at beginning of year	58,692	54,360	32,018	28,716
Included in profit or loss:				
Current service cost	7,280	7,554	4,273	3,865
Interest cost	987	863	535	474
Included in other comprehensive income:				
Actuarial (gain) loss arising from				
Demographic assumptions changes	-	384	-	1,231
Financial assumptions changes	-	2,668	-	1,228
Experience adjustments	-	(6,137)	-	(2,822)
Benefits paid during the year	(4,688)	(1,000)	(1,128)	(674)
Provision for long-term employee benefits				
at end of year	62,271	58,692	35,698	32,018

The Group expect to pay Baht 1 million of long-term employee benefits during the next year (the Company only: nil).

As at 31 December 2020 and 2019, the weighted average duration of the liabilities for long-term employee benefits is 13.19 - 14.60 years (the Company only: 13.19 years).

Significant actuarial assumptions are summarised below:

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
	(% per annum)	(% per annum)	(% per annum)	(% per annum)
Discount rate	1.67 - 1.74	1.67 - 1.74	1.67	1.67
Salary increase rate	5.0	5.0	5.0	5.0
Turnover rate	0 - 13.0	0 - 13.0	0 - 12.0	0 - 12.0

The result of sensitivity analysis for significant assumptions that affect the present value of the long-term employee benefit obligation as at 31 December 2020 and 2019 are summarised below:

	(Unit: Thousand Baht)			
	As at 31 December 2020			
	Consolidated		Separate	
	financial statements		financial statements	
	Increase 1%	Decrease 1%	Increase 1%	Decrease 1%
Discount rate	(4,757)	5,480	(2,467)	2,812
Salary increase rate	5,830	(5,163)	3,009	(2,691)
Turnover rate	(5,011)	3,306	(2,588)	1,596

	(Unit: Thousand Baht)			
	As at 31 December 2019			
	Consolidated		Separate	
	financial statements		financial statements	
	Increase 1%	Decrease 1%	Increase 1%	Decrease 1%
Discount rate	(4,443)	5,128	(2,327)	2,658
Salary increase rate	4,821	(4,276)	2,494	(2,234)
Turnover rate	(4,681)	3,122	(2,441)	1,535

26. Statutory reserve

Pursuant to Section 116 of the Public Limited Companies Act B.E. 2535, the Company is required to set aside to a statutory reserve at least 5% of its net profit after deducting accumulated deficit brought forward (if any), until the reserve reaches 10% of the registered capital. The statutory reserve is not available for dividend distribution. At present, the statutory reserve has fully been set aside.

27. Other reserve

According to the amendment of the concession to operate treated water dated 20 March 2008, prior to paying a dividend the Company is required to set aside 10% of its annual net profit to other reserve.

However, according to the additional amendment of the agreement to the concession to operate treated water dated 28 October 2016, amendment the articles above to prior to paying a dividend from net profit the Company is required to set aside 10% of its full registered share capital to the legal reserve.

Retained earnings set aside as the legal reserve are to be retained in cash and deposited at a bank or financial institution licensed by the Bank of Thailand.

28. Expenses by nature

Significant expenses classified by nature are as follows:

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Salaries, wages and other employee benefits	191,036	185,852	98,151	94,254
Depreciation and amortisation	515,495	497,318	509,399	493,956
Amortisation of assets for production of treated water that must be transferred at end of concession	404,108	372,880	-	-
Amortisation of investments in subsidiaries	-	-	222,101	221,494
Operating and maintenance expenses	-	-	36,732	36,897
Production and maintenance cost	783,122	760,116	461,416	433,260

29. Income tax

Income tax expenses for the years ended 31 December 2020 and 2019 are made up as follows:

	(Unit: Thousand Baht)			
	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Current income tax:				
Current income tax charge	682,103	694,043	501,227	517,861
Deferred tax:				
Relating to origination and reversal of temporary differences	<u>3,284</u>	<u>2,934</u>	<u>7,767</u>	<u>4,864</u>
Income tax expenses reported in profit or loss				
	<u>685,387</u>	<u>696,977</u>	<u>508,994</u>	<u>522,725</u>

The amounts of income tax relating to each component of other comprehensive income for the years ended 31 December 2020 and 2019 are as follows:

	(Unit: Thousand Baht)			
	Consolidated financial statements		Separate financial statements	
	2020	2019	2020	2019
Deferred tax on loss from the change in value of available-for-sale securities				
	-	(40)	-	-
Deferred tax on actuarial gain	-	617	-	73
Deferred tax on share of other comprehensive income from associate				
	<u>4,053</u>	<u>4,696</u>	<u>-</u>	<u>-</u>
	<u>4,053</u>	<u>5,273</u>	<u>-</u>	<u>73</u>

The reconciliation between accounting profit and income tax expenses is shown below.

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Accounting profit before tax	<u>3,657,199</u>	<u>3,844,311</u>	<u>3,359,295</u>	<u>3,377,628</u>
Applicable tax rate	20%	20%	20%	20%
Accounting profit before tax multiplied by income tax rate	731,440	768,862	671,859	675,526
Effects of:				
Promotional privileges (Note 30)	(72,556)	(61,507)	-	-
Non-deductible expenses	48,203	48,689	45,138	45,566
Additional expense deductions allowed	(3,719)	(1,865)	(3,521)	(1,930)
Exemption of income	-	-	(204,891)	(196,926)
Effect of elimination entry on the consolidated financial statements	(28,399)	(64,214)	-	-
Others	10,418	7,012	409	489
Total	<u>(46,053)</u>	<u>(71,885)</u>	<u>(162,865)</u>	<u>(152,801)</u>
Income tax expenses reported in profit or loss	<u>685,387</u>	<u>696,977</u>	<u>508,994</u>	<u>522,725</u>

The components of deferred tax assets and deferred tax liabilities are as follows:

	(Unit: Thousand Baht)			
	Consolidated		Separate	
	financial statements		financial statements	
Statements of financial position as at 31 December				
	2020	2019	2020	2019
Deferred tax assets				
Allowance for expected credit losses				
(2019: Allowance for doubtful accounts)	3,936	3,979	2,244	2,244
Provision for long-term employee benefits	12,455	11,739	7,140	6,404
Unrealised fair value loss on investment	235	95	-	-
Accrued expense	500	-	500	-
Leases	14	-	-	-
Total	<u>17,140</u>	<u>15,813</u>	<u>9,884</u>	<u>8,648</u>

(Unit: Thousand Baht)

	Consolidated financial statements		Separate financial statements	
	Statements of financial position as at 31 December			
	2020	2019	2020	2019
Deferred tax liabilities				
Accumulated depreciation - assets for production of treated water	(89,176)	(80,804)	(89,176)	(80,804)
Accumulated amortisation of rights to produce and sell treated water and treat waste water	(15,443)	(14,931)	(15,443)	(14,931)
Accumulated depreciation - assets for production of treated water that must be transferred at end of concession of subsidiary	(21,311)	(24,843)	-	-
Deferred debenture issuing costs	(695)	(830)	(695)	(830)
Fair value adjustment of assets for production of treated water that must be transferred at end of concession regarding business combination	(2,388)	(3,248)	-	-
Leases	(254)	-	(254)	-
Total	(129,267)	(124,656)	(105,568)	(96,565)
Net	<u>(112,127)</u>	<u>(108,843)</u>	<u>(95,684)</u>	<u>(87,917)</u>

30. Promotional privileges

- a) The Company received promotional privileges from the Board of Investment for production of treated water, pursuant to the investment promotion certificate No. 59-0683-1-00-1-0 issued on 29 February 2016. Subject to certain imposed conditions, the main privileges include the following:
 - Exemption from import duty on imported machinery under specified conditions.
 - Exemption from corporate income tax on net profit from the promoted operations for a period of five years from the date the promoted operations begin generating revenues (31 March 2019).
- b) The subsidiary received the promotional privileges extension for a period of eight years according to investment promotional privileges for restore investment after the floods, pursuant to the investment promotion certificate No. 5187(2)/2556 (replacing earlier investment promotion certificate No. 1451(2)/2551) and during the year 2015, the subsidiary received promotional privileges from the Board of Investment for expand production of treated water, pursuant to the investment promotion certificate No. 59-0392-1-00-1-0 issued on 1 September 2015. Subject to certain imposed conditions, the main privileges include the following:

- Exemption of import duty on imported machinery under specified conditions.
- Exemption from corporate income tax on net profit from the promoted operations for a period of five years from the date the promoted operations begin generating revenues (1 December 2017).

The Group's operating revenues for the years ended 31 December 2020 and 2019, divided between promoted and non-promoted operations, are summarised below.

(Unit: Thousand Baht)

	Consolidated financial statements					
	Promoted operations		Non-promoted operations		Total	
	2020	2019	2020	2019	2020	2019
Sales of treated water	672,758	623,594	5,386,659	5,369,825	6,059,417	5,993,419

(Unit: Thousand Baht)

	Separate financial statements					
	Promoted operations		Non-promoted operations		Total	
	2020	2019	2020	2019	2020	2019
Sales of treated water	59,123	65,386	4,031,112	4,030,596	4,090,235	4,095,982

31. Basic earnings per share

Basic earnings per share is calculated by dividing profit for the year attributable to equity holders of the Company (excluding other comprehensive income) by the weighted average number of ordinary shares in issue during the year.

32. Segment information

Operating segment information is reported in a manner consistent with the internal reports that are regularly reviewed by the chief operating decision maker in order to make decisions about the allocation of resources to the segment and assess its performance.

The Group is principally engaged in the production and sell of treated water. Its operations are carried on only in Thailand. Segment performance is measured based on operating profit or loss, on a basis consistent with that used to measure operating profit or loss in the financial statements. As a result, all of the revenues, operating profits and assets as reflected in these financial statements pertain to the aforementioned reportable operating segment and geographic area.

Geographic information

The Group operates in Thailand only. As a result, all the revenues and assets as reflected in these financial statements pertain exclusively to this geographical reportable segment.

Major customer

For the year 2020, the Group has revenue from a major customer in amount of Baht 5,857 million (2019: Baht 5,773 million) accounted for 95% of total revenues of the Group.

33. Provident fund

The Group and its employees have established provident funds jointly with their employees in accordance with the Provident Fund Act B.E. 2530. The Company, the subsidiaries and their employees contribute to the funds monthly at the rates of 5.0 - 15.0% (2019: 5.0 - 15.0%) of basic salary. The funds, which are managed by Kasikorn Asset Management Company Limited, will be paid to employees upon termination in accordance with the fund rules. The contributions for the year 2020 amounting to approximately Baht 9 million (the Company only: Baht 5 million) (2019: Baht 9 million (the Company only: Baht 5 million)) were recognised as expenses.

34. Dividend paid

Dividends	Approved by	Total dividends (Thousand Baht)	Dividend per share (Baht)
Dividends from the earnings of the promoted operations for July to December 2018	Annual General Meeting of the shareholders on 11 April 2019	59,850	0.015
Dividends from the earnings of the non-promoted operations for July to December 2018	Annual General Meeting of the shareholders on 11 April 2019	1,137,149	0.285
Interim dividends from the earnings of the non-promoted operations for January to June 2019	Board of Directors' meeting on 12 August 2019	1,197,000	0.300
Total dividends for 2019		2,393,199	0.600
Interim dividends from the earnings of the non-promoted operations for July to December 2019	Board of Directors' meeting on 1 April 2020	1,196,996	0.300
Interim dividends from the earnings of the non-promoted operations for January to June 2020	Board of Directors' meeting on 20 August 2020	1,196,568	0.300
Total dividends for 2020		2,393,564	0.600

35. Commitments and contingent liabilities

35.1 Capital commitments

As at 31 December 2020, the Company had capital commitments of Baht 11 million relating to the improvement project on assets for production of treated water and host computer system. (2019: Baht 199 million relating to the improvement project on water supply and distribution systems at Bang Len water supply plant (phase 1) with related company).

As at 31 December 2020, the subsidiary had capital commitments of Baht 132 million relating to the improvement project on water supply and distribution systems at Pathumthani water supply plant (2019: Nil).

35.2 Service commitments and other commitments

- a) The Group has entered into operation and maintenance agreements with Thai Water Operations Company Limited ("the subsidiary"), whereby the subsidiary is to manage and maintenance of production and supply of treated water system and to manage the waste water treatment system. Under the conditions of the agreements, the Group is to pay service fees at a rate stipulated in the agreements, which have an initial term of 1 year from 8 January 2010 and thereafter automatically renews each year for a further period of 1 year.
- b) As at 31 December 2020, the Group had commitments totaling Baht 29 million (the Company only: Baht 23 million) (2019: Baht 38 million (the Company only: Baht 27 million)) under other service agreements.

35.3 Bank guarantees

As at 31 December 2020, there were outstanding bank guarantees of Baht 303 million (the Company only: Baht 113 million) (2019: Baht 312 million (the Company only: Baht 123 million)) issued by banks on behalf of the Group in respect of certain performance bonds as required in the normal course of business. These included letters of guarantee as follows:

(Unit: Thousand Baht)

	Consolidated		Separate	
	financial statements		financial statements	
	2020	2019	2020	2019
Guarantee under the Water Purchase Agreement with the Provincial Waterworks Authority	230,650	230,500	63,000	63,000
Guarantee electricity use	68,976	68,521	46,836	46,836
Guarantee for others	3,101	13,101	3,101	13,101
Total	<u>302,727</u>	<u>312,122</u>	<u>112,937</u>	<u>122,937</u>

36. Fair value hierarchy

As of 31 December 2020 and 2019, the Group had the assets and liabilities that were measured or disclosed at fair value using different levels of inputs as follows:

(Unit: Thousand Baht)

	Consolidated financial statements			
	As at 31 December 2020			
	Level 1	Level 2	Level 3	Total
Assets measured at fair value				
Financial assets measured at FVTPL				
Investments in open-ended fund - debt securities	-	2,741,629		- 2,741,629
Real estate investment trust	3,775		-	- 3,775
Asset for which fair value are disclosed				
Financial assets measured at amortised cost				
Investment in associate	9,057,189		-	- 9,057,189
Current portion of debt investments - debentures	-	5,022		- 5,022
Debt investments - debentures	-	9,099		- 9,099
Liability for which fair value are disclosed				
Debentures	-	5,605,694		- 5,605,694

(Unit: Thousand Baht)

	Consolidated financial statements			
	As at 31 December 2019			
	Level 1	Level 2	Level 3	Total
Financial assets measured at fair value				
Investments in trading securities				
Unit trusts in open-ended fund	-	2,279,891		- 2,279,891
Investments in available-for-sale securities				
Real estate investment trust	4,525		-	- 4,525
Asset for which fair value are disclosed				
Investment in associate	10,072,569		-	- 10,072,569
Other long-term investments - debentures	-	14,193		- 14,193
Liability for which fair value are disclosed				
Debentures	-	6,094,102		- 6,094,102

(Unit: Thousand Baht)

	Separate financial statements			
	As at 31 December 2020			
	Level 1	Level 2	Level 3	Total
Financial assets measured at fair value				
Financial assets measured at FVTPL				
Investments in open-ended fund	-	1,920,744	-	1,920,744
Asset for which fair value are disclosed				
Financial assets measured at amortised cost				
Investment in associate	9,057,189	-	-	9,057,189
Liability for which fair value are disclosed				
Debentures	-	5,605,694	-	5,605,694

(Unit: Thousand Baht)

	Separate financial statements			
	As at 31 December 2019			
	Level 1	Level 2	Level 3	Total
Financial assets measured at fair value				
Investments in trading securities				
Unit trusts in open-ended fund	-	1,776,747	-	1,776,747
Asset for which fair value are disclosed				
Investment in associate	10,072,569	-	-	10,072,569
Liability for which fair value are disclosed				
Debentures	-	6,094,102	-	6,094,102

During the current year, there were no transfers within the fair value hierarchy.

37. Financial instruments

37.1 Financial risk management

The Group's financial instruments principally comprise cash and cash equivalents, trade and other receivables, long-term loans to related party, investments, trade and other payables, long-term loans and debentures. The financial risks associated with these financial instruments and how they are managed is described below.

Credit risk

The Group is exposed to credit risk primarily with respect to trade and other receivables and there is a high concentration of risk since the Group has only one major customer, the Provincial Waterworks Authority. However, because the Provincial Waterworks Authority is a government agency, the Group does not expect to incur material financial losses. The maximum exposure to credit risk is limited to the carrying amounts of receivables as stated in the statement of financial position.

Interest rate risk

The Group's exposures to interest rate risk relate primarily to their cash at banks, other current financial assets, long-term loans to related party, other non-current financial assets, long-term loans and debentures. However, since most of the Group's financial assets and liabilities bear floating interest rates or fixed interest rates which are close to the market rate, the interest rate risk is expected to be minimal.

As at 31 December 2020 and 2019, significant financial assets and liabilities classified by type of interest rates are summarised in the table below, with those financial assets and liabilities that carry fixed interest rates further classified based on the maturity date, or the repricing date if this occurs before the maturity date.

(Unit: Thousand Baht)

2020						
Consolidated financial statements						
	Fixed interest rates			Floating		
	Within 1 year	1-5 years	Over 5 years	interest rate	Non-interest bearing	Total
Financial assets						
Cash and cash equivalents	2	-	-	60,486	31,481	91,969
Trade and other receivables	-	-	-	-	557,911	557,911
Other current financial assets	570,296	-	-	-	2,741,629	3,311,925
Other non-current financial assets	-	9,000	-	-	3,775	12,775
	<u>570,298</u>	<u>9,000</u>	<u>-</u>	<u>60,486</u>	<u>3,334,796</u>	<u>3,974,580</u>
Financial liabilities						
Trade and other payables	-	-	-	-	204,911	204,911
Long-term loans	-	-	-	2,860,000	-	2,860,000
Debentures	-	4,397,594	998,929	-	-	5,396,523
	<u>-</u>	<u>4,397,594</u>	<u>998,929</u>	<u>2,860,000</u>	<u>204,911</u>	<u>8,461,514</u>

(Unit: Thousand Baht)

2019						
Consolidated financial statements						
	Fixed interest rates			Floating		
	Within 1 year	1-5 years	Over 5 years	interest rate	Non-interest bearing	Total
Financial assets						
Cash and cash equivalents	2	-	-	44,948	31,621	76,571
Current investments	755,256	-	-	-	2,279,891	3,035,147
Trade and other receivables	-	-	-	-	564,935	564,935
Other long-term investments	-	14,000	-	-	4,525	18,525
	<u>755,258</u>	<u>14,000</u>	<u>-</u>	<u>44,948</u>	<u>2,880,972</u>	<u>3,695,178</u>
Financial liabilities						
Trade and other payables	-	-	-	-	159,504	159,504
Long-term loans	-	-	-	3,360,000	-	3,360,000
Debentures	500,001	2,998,520	2,397,319	-	-	5,895,840
	<u>500,001</u>	<u>2,998,520</u>	<u>2,397,319</u>	<u>3,360,000</u>	<u>159,504</u>	<u>9,415,344</u>

(Unit: Thousand Baht)

2020

Separate financial statements							
	Fixed interest rates			Floating			Effective interest rate (% per annum)
	Within 1 year	1-5 years	Over 5 years	interest rate	Non-interest bearing	Total	
Financial assets							
Cash and cash equivalents	2	-	-	55,213	31,025	86,240	0.125 - 0.250
Trade and other receivables	-	-	-	-	377,588	377,588	-
Other current financial assets	425,296	-	-	-	1,920,744	2,346,040	0.650 - 0.750
Other non-current financial assets	-	-	-	114,320	-	114,320	3.25
	<u>425,298</u>	<u>-</u>	<u>-</u>	<u>169,533</u>	<u>2,329,357</u>	<u>2,924,188</u>	
Financial liabilities							
Trade and other payables	-	-	-	-	134,581	134,581	-
Long-term loans	-	-	-	2,860,000	-	2,860,000	1.875 - 2.950
Debentures	-	4,397,594	998,929	-	-	5,396,523	2.33 - 4.60
	<u>-</u>	<u>4,397,594</u>	<u>998,929</u>	<u>2,860,000</u>	<u>134,581</u>	<u>8,391,104</u>	

(Unit: Thousand Baht)

2019

Separate financial statements							
	Fixed interest rates			Floating			Effective interest rate (% per annum)
	Within 1 year	1-5 years	Over 5 years	interest rate	Non-interest bearing	Total	
Financial assets							
Cash and cash equivalents	2	-	-	40,194	31,165	71,361	0.125 - 0.750
Current investments	475,256	-	-	-	1,776,747	2,252,003	0.650 - 1.850
Trade and other receivables	-	-	-	-	385,762	385,762	-
Long-term loans to related party	-	-	-	171,478	-	171,478	4.25 - 4.40
	<u>475,258</u>	<u>-</u>	<u>-</u>	<u>211,672</u>	<u>2,193,674</u>	<u>2,880,604</u>	
Financial liabilities							
Trade and other payables	-	-	-	-	104,407	104,407	-
Long-term loans	-	-	-	3,360,000	-	3,360,000	2.75 - 3.10
Debentures	500,001	2,998,520	2,397,319	-	-	5,895,840	2.33 - 4.60
	<u>500,001</u>	<u>2,998,520</u>	<u>2,397,319</u>	<u>3,360,000</u>	<u>104,407</u>	<u>9,360,247</u>	

Foreign currency risk

The Group does not consider themselves exposed to foreign currency risk because they have no significant foreign currency transactions.

37.2 Fair values of financial instruments

Since the majority of the Group's financial instruments are short-term in nature or carrying interest at rates close to market interest rates, their fair value is not expected to be materially different from the amounts presented in the statement of financial position.

The estimated fair value of financial instruments, in comparison with the related amounts carried in the statement of financial position, is as follows:

Consolidated / Separate financial statements			
As at 31 December 2020		As at 31 December 2019	
Carrying amount	Fair value	Carrying amount	Fair value
Financial liabilities			
Debentures	5,397	5,606	5,896
			6,094

The methods and assumptions used by the Company in estimating the fair value of financial instruments are as follows:

- For fixed rate debentures, their fair value is estimated by discounting expected future cash flow by the current market interest rate of the loans with similar terms and conditions.

During the current year, there were no transfers within the fair value hierarchy.

38. Capital management

The primary objective of the Group's capital management is to ensure that it has appropriate capital structure in order to support its business and maximise shareholder value. As at 31 December 2020, the Group's debt-to-equity ratio was 0.67:1 (2019: 0.76:1) and the Company's was 0.76:1 (2019: 0.87:1).

39. Events after the reporting period

On 23 February 2021, a meeting of the Company's Board of Directors passed a resolutions to propose a dividend payment for the year 2020 of Baht 0.60 per share, of which Baht 0.30 per share was paid as an interim dividend and the remaining dividend payment will be Baht 0.30 per share. Dividend payment is subject to the approval of shareholders.

40. Approval of financial statements

These financial statements were authorised for issue by the Company's Board of Directors on 23 February 2021.