

ภาคผนวก ข-8

เอกสารรับรองบุคลากรด้านสิ่งแวดล้อม

ที่ อก ๐๓๑๓/ ๑๖๘๓๖



กรมโรงงานอุตสาหกรรม
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๘ ธันวาคม ๒๕๖๖

เรื่อง หนังสือรับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน

เรียน ผู้รับใบอนุญาตประกอบกิจการโรงงาน บริษัท กัลฟ์ เอ็นซี จำกัด

อ้างถึง คำขอเลขที่ ๑๕๕๔ ลงรับวันที่ ๖ ธันวาคม ๒๕๖๖

ตามคำขอที่อ้างถึง ท่านแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ของ โรงไฟฟ้านนทรี ทะเบียนโรงงานเลขที่ ๔๐๒๕๐๐๐๑๐๒๕๕๕ (๓-๘๘(๒)-๑๐/๕๙ ปจ) ประกอบกิจการผลิตพลังงานไฟฟ้าจาก เชื้อเพลิงก๊าซธรรมชาติ ขนาดกำลังการผลิต ๑๔๑ เมกะวัตต์ เพิ่มประเภทหรือชนิดของโรงงานลำดับที่ ๑๐๒ ประกอบกิจการเกี่ยวกับการผลิตและหรือจำหน่ายไอน้ำ ตั้งอยู่ ณ เลขที่ ๔๑๘ หมู่ที่ ๑ ตำบลนนทรี อำเภอบินทร์บุรี จังหวัดปทุมธานี โทรศัพท์ ๐ ๓๗๒๑ ๘๖๓๕ ความละเอียดแจ้งแล้ว นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว รับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน และให้ท่านยื่นคำขอแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงานครั้งต่อไป ภายในวันที่ ๒๑ ธันวาคม ๒๕๖๙ โดยมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ดังนี้

ผู้จัดการสิ่งแวดล้อม			นายพนพล เงินโสม		
ลำดับ	ผู้ควบคุมระบบบำบัด	เลขทะเบียน	มลพิษน้ำ	มลพิษอากาศ	มลพิษกากอุตสาหกรรม
๑	นายวรุฒม์ นมะตร์	๐๒๐-๕๘-๐๐๑๓๕		✓	
ลำดับ	ผู้ปฏิบัติงานประจำระบบบำบัด				
๑	นายประยูร สุดตา			✓	
๒	นายณพฤทธิ์ พุกเพชร			✓	
๓	นายธีรพงษ์ สุกุลงาม			✓	

หมายเหตุ ๑. การแจ้งการมี/ยกเลิก/เพิ่มเติม/เปลี่ยนแปลง บุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ต้องส่งหนังสือฉบับนี้ด้วย
๒. ยกเลิกหนังสือรับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ที่ อก ๐๓๑๓/๑๓๕๕๑ ลงวันที่ ๓๐ ธันวาคม ๒๕๖๔

จึงเรียนมาเพื่อโปรดทราบ

บริษัท กัลฟ์ เอ็นซี จำกัด	
วันที่ 20/12/23	เวลา 15.10 น.
เลขที่เอกสาร GNC -I-P-1223-102	
ผู้รับ	

ขอแสดงความนับถือ

(นางสาวปัทมวรรณ คุณประเสริฐ)
ผู้อำนวยการกองส่งเสริมเทคโนโลยีสิ่งแวดล้อมโรงงาน
ปฏิบัติราชการแทนอธิบดีกรมโรงงานอุตสาหกรรม

กองส่งเสริมเทคโนโลยีสิ่งแวดล้อมโรงงาน

กลุ่มกำกับบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน

โทรศัพท์ ๐ ๒๔๓๐ ๖๓๑๕ ต่อ ๒๔๐๕

โทรสาร ๐ ๒๔๓๐ ๖๓๑๕ ต่อ ๒๔๙๙

ไปรษณีย์อิเล็กทรอนิกส์ saraban@diw.mail.go.th



ภาคผนวก ข-9

กิจกรรมการมีส่วนร่วมกับชุมชนและกิจกรรมชุมชนสัมพันธ์

ข.9กิจกรรมการมีส่วนร่วมกับชุมชน และกิจกรรมชุมชนสัมพันธ์

July-Dec 2024

ผลการปฏิบัติงานด้านกิจกรรมเพื่อสังคม (CSR) ระหว่างเดือนกรกฎาคม – พฤศจิกายน 2567



1) สนับสนุนโครงการปลูกป่า โดย ศูนย์เพาะชำกล้าไม้กบินบุรี (ลาดตะเคียน)

วันที่ 14 พฤศจิกายน 2567



ผลการปฏิบัติงานด้านกิจกรรมเพื่อสังคม (CSR) ระหว่างเดือนกรกฎาคม – พฤศจิกายน 2567



2) ปล่อยพันธุ์ปลาในลำห้วย / แหล่งน้ำสาธารณะที่ วัดตลิ่งชัน

วันที่ 14 พฤศจิกายน 2567



ที่ ศธ ๐๖๒๘.๘/๓๗๓



สถาบันการอาชีวศึกษาภาคตะวันออกเฉียงเหนือ ๕
วิทยาลัยเทคนิคสุรินทร์
๓๔๖ ถนนหลักเมือง ตำบลในเมือง
อำเภอเมือง จังหวัดสุรินทร์ ๓๒๐๐๐

๑๗ กรกฎาคม ๒๕๖๗

เรื่อง ขอความอนุเคราะห์เข้าศึกษาดูงาน

เรียน ผู้จัดการบริษัท กัลฟ์ เอ็นซี จำกัด

สิ่งที่ส่งมาด้วย ๑. โครงการศึกษาดูงานโรงผลิตไฟฟ้าด้วยพลังงานความร้อน

ของแผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์

จำนวน ๑ ชุด

๒. แบบตอบรับ

จำนวน ๑ ชุด

ด้วย แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ มีการจัดการเรียนการสอนด้านสายอาชีพ ๓ ระดับ ได้แก่ ระดับประกาศนียบัตรวิชาชีพ (ปวช.) ระดับประกาศนียบัตรวิชาชีพชั้นสูง (ปวส.) และระดับปริญญาตรี (ทล.บ.) โดยมีการส่งเสริมให้ครูผู้สอนต้องเพิ่มพูนองค์ความรู้ ประสบการณ์ และเทคโนโลยีทางด้านวิชาชีพใหม่ ๆ เป็นประจำ และนำไปใช้ในการถ่ายทอดให้กับผู้เรียนและพัฒนารูปแบบการจัดการเรียนการสอนที่เหมาะสมให้มีประสิทธิภาพมากยิ่งขึ้น

ในการนี้แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ ได้พิจารณาแล้วเห็นว่า บริษัท กัลฟ์ เอ็นซี จำกัด มีการดำเนินกิจการ การผลิตไฟฟ้าด้วยพลังงานความร้อน สามารถใช้เป็นแหล่งการเรียนรู้ได้ และคาดหวังว่าครูผู้สอนจะสามารถนำความรู้และประสบการณ์ที่ได้จากการเข้าศึกษาดูงาน ไปใช้ในการพัฒนาเพิ่มศักยภาพการจัดการเรียนการสอนของตนได้เป็นอย่างดี ดังนั้น จึงขอความอนุเคราะห์ท่านในการนำคณะครู แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ จำนวน ๒๔ คน เข้าศึกษาดูงาน ในวันศุกร์ ที่ ๖ กันยายน ๒๕๖๗ เวลา ๑๓.๓๐ เป็นต้นไป ทั้งนี้ ได้มอบหมายให้ นางสาวสุภารัตน์ รักขวงษ์ หมายเลขโทรศัพท์ ๐๘ - ๔๔๖๑ - ๗๔๙๗ เป็นผู้ประสานงานในรายละเอียดต่อไป

จึงเรียนมาเพื่อโปรดให้ความอนุเคราะห์ด้วย จักขอบคุณล่วงหน้ามา ณ โอกาสนี้

ขอแสดงความนับถือ

(นายวิวัฒน์ บุญพิงค์)

ผู้อำนวยการวิทยาลัยเทคนิคสุรินทร์

บริษัท กัลฟ์ เอ็นซี จำกัด	
วันที่ 19/9/24	เวลา 16.00 น.
เลขที่เอกสาร GNC -J-P-0724-082	
ผู้รับ	

แผนกวิชาช่างไฟฟ้ากำลัง ฝ่ายวิชาการ

โทรศัพท์ ๐ ๔๔๕๑ ๓๗๙๐ ต่อ ๑๐๕๑

โทรสาร ๐ ๔๔๕๑ ๓๗๙๐

โครงการศึกษาดูงาน โรงผลิตไฟฟ้าด้วยพลังงานความร้อน และ ศูนย์การเรียนรู้ กฟผ.ลำตะคอง

๑. ชื่อโครงการ โครงการศึกษาดูงาน โรงผลิตไฟฟ้าด้วยพลังงานความร้อน และ ศูนย์การเรียนรู้ กฟผ. ลำตะคอง

๒. ผู้รับผิดชอบโครงการ แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์

๓. ระยะเวลาดำเนินการ วันศุกร์ ที่ ๖-๗ กันยายน ๒๕๖๗

๔. สถานที่ดำเนินการ บริษัท กัลฟ์ เอ็นซี จำกัด อ.กบินทร์บุรี จ.ปราจีนบุรี และ ศูนย์การเรียนรู้ กฟผ. ลำตะคอง ตำบลคลองไผ่ อำเภอลำตะคอง จังหวัดนครราชสีมา

๕. หลักการและเหตุผล

ด้วย สำนักงานคณะกรรมการการอาชีวศึกษา ได้กำหนดแผนงานยุทธศาสตร์พัฒนาคุณภาพการศึกษา และการเรียนรู้ โครงการยกระดับการผลิตและพัฒนากำลังคน ให้ตอบสนองต่อความต้องการของประเทศ โดยได้ จัดโครงการขับเคลื่อนศูนย์บริการเครือข่ายการผลิตและพัฒนากำลังคนอาชีวศึกษา (Center of Vocational Manpower Networking Management : CVM) แผนกวิชาช่างไฟฟ้ากำลัง สาขาวิชาไฟฟ้า วิทยาลัยเทคนิค สุรินทร์ ได้รับการประกาศเป็นสถานศึกษาภายใต้ศูนย์ความเป็นเลิศทางการอาชีวศึกษา (Excellent Center) นั้น

ในการนี้ เพื่อเป็นการตอบสนองนโยบายของสำนักงานคณะกรรมการการอาชีวศึกษา ส่งเสริมและพัฒนาองค์ความรู้ ศักยภาพของครูผู้สอนในด้านการจัดการเรียนการสอน แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ ได้พิจารณา สืบค้นพื้นที่ หาข้อมูลของสถานประกอบการที่สามารถใช้เป็นแหล่งการเรียนรู้ได้ เพื่อให้ครูผู้สอนสามารถนำความรู้และประสบการณ์ที่ได้ นำไปใช้ในการพัฒนาเพิ่มศักยภาพการจัดการเรียนการสอนของตนเอง ทั้งนี้ พบว่า บริษัทกัลฟ์ เอ็นซี จำกัด เป็นสถานประกอบการที่ดำเนินการด้านการผลิตไฟฟ้าด้วยพลังงานความร้อน ที่มีกระบวนการผลิต เครื่องจักร อุปกรณ์สอดคล้อง และ ตรงตามเนื้อหาหลักสูตร รายวิชาเรียนด้านสาขาวิชาไฟฟ้ากำลัง และ ศูนย์การเรียนรู้ กฟผ. ลำตะคอง เป็นศูนย์การเรียนรู้ที่การไฟฟ้าฝ่ายผลิต (กฟผ.) จัดตั้งขึ้นเพื่อเป็นศูนย์เรียนรู้ด้านพลังงานไฟฟ้า การผลิตไฟฟ้าประเภทต่างๆ ดังนั้นจึงขออนุญาตนำ ครูผู้สอนแผนกวิชาช่างไฟฟ้ากำลัง เข้าศึกษาดูงานในสถานประกอบการ และหน่วยงานดังกล่าว

๖. วัตถุประสงค์

๖.๑ เพื่อให้ครูผู้สอน แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ ได้ไปศึกษาดูงานในสถานประกอบการด้านการผลิตไฟฟ้าด้วยพลังงานความร้อน และ แหล่งเรียนรู้ด้านพลังงานไฟฟ้า

๖.๒ เพื่อให้ครูผู้สอน แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ นำความรู้ที่ได้มาเพิ่มศักยภาพในการจัดการเรียนการสอนให้มีประสิทธิภาพมากยิ่งขึ้น

๗. ตัวชี้วัดผลสำเร็จ

๗.๑ ผลผลิต (Out Put)

๗.๑.๑ ครูผู้สอนแผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ จำนวน ๒๔ คน ได้นำความรู้ที่ได้มาเพิ่มศักยภาพในการจัดการเรียนการสอนให้มีประสิทธิภาพมากยิ่งขึ้น

๗.๒ ผลลัพธ์ (Out Come)

๗.๒.๑ ครูผู้สอนแผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ จำนวน ๒๔ คน มีความรู้ด้านการผลิตไฟฟ้าด้วยพลังงานความร้อน และ การพัฒนาด้านสื่อการเรียนรู้ด้านพลังงานไฟฟ้านำมาปรับใช้ในการจัดการเรียนการสอน

๘. กลุ่มเป้าหมาย

ครูผู้สอนแผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ จำนวน ๒๔ คน

๙. กลยุทธ์การดำเนินงาน

- ๙.๑ ประชุมคณะครู แผนกวิชาช่างไฟฟ้ากำลัง วิทยาลัยเทคนิคสุรินทร์ เพื่อพิจารณาหาสถานประกอบการ และแนวทางการดำเนินโครงการศึกษาดูงานของคณะครูแผนกวิชาช่างไฟฟ้ากำลัง
- ๙.๒ ติดต่อประสานงานกับหน่วยงาน สถานประกอบการ ที่เกี่ยวข้อง
- ๙.๓ จัดทำโครงการและบันทึกข้อความเสนอโครงการเพื่อขออนุมัติ
- ๙.๔ วิทยาลัยฯ จัดทำหนังสือราชการ เพื่อขอความอนุเคราะห์ในการเข้าศึกษาดูงาน
- ๙.๕ ดำเนินการศึกษาดูงานของคณะครูแผนกวิชาช่างไฟฟ้ากำลัง ตามแผนงานโครงการ

๑๐. ขั้นตอนการดำเนินงาน

ขั้นตอนการดำเนินการ	วันที่	กรกฎาคม ๒๕๖๗					กันยายน ๒๕๖๗		
		๑๕	๑๖	๑๗	๑๘	๑๙	๖	๗	๘
๑.เขียนโครงการและเสนอขออนุมัติโครงการ		←→							
๒.ระชุมวางแผน พิจารณาหาสถานประกอบการ			←→						
๓.ติดต่อประสานงานกับหน่วยงาน สถานประกอบการที่ดูงาน				←→					
๔.ดำเนินงานตามโครงการ							←→		
๕.สรุปรายงานผล									←→

๑๑. ค่าใช้จ่ายในการดำเนินงาน

(✓) เงินงบประมาณ จำนวนเงิน๒๖,๕๒๐.....บาท

- ค่าเบี้ยเลี้ยง.....๑๑,๕๒๐.....บาท

- ค่าที่พัก.....๑๕,๐๐๐.....บาท

() เงินบำรุงการศึกษา

() เงินอุดหนุน (งบรายจ่ายอื่น) ค่าใช้จ่ายโครงการขับเคลื่อนศูนย์บริการเครือข่ายการผลิตและพัฒนากำลังคนอาชีวศึกษา (Center of Vocational Manpower Networking Management : CVM)

() งบโครงการเรียนฟรี

() งบประมาณส่วนตัว

๑๒. การวัดผลและประเมินผล

๑๒.๑ สังเกตความร่วมมือ ความสนใจ ในการศึกษาดูงาน

๑๒.๒ สังเกตจากจัดการเรียนการสอน หลังจากดำเนินโครงการศึกษาดูงาน

ลงชื่อ.....ผู้เสนอโครงการ

(นายสันติ ศรีงมี)

หัวหน้าแผนกวิชาช่างไฟฟ้ากำลัง

วันที่ ๑๕ เดือน กรกฎาคม ๒๕๖๗

ลงชื่อ.....ผู้เห็นชอบโครงการ

(นายสุวิทย์ ประจวบขันธ์)

รองผู้อำนวยการ ฝ่ายแผนงานและความร่วมมือ

วันที่ ๑๕ เดือน กรกฎาคม ๒๕๖๗

ลงชื่อ.....ผู้เห็นชอบโครงการ

(นายวิจิต ระดมบุญ)

รองผู้อำนวยการ ฝ่ายพัฒนากิจการนักเรียนนักศึกษา

วันที่ ๑๕ เดือน กรกฎาคม ๒๕๖๗

ลงชื่อ.....ผู้รับรองโครงการ

(นายมานิต แต้มแก้ว)

รองผู้อำนวยการ ฝ่ายวิชาการ

วันที่ ๑๕ เดือน กรกฎาคม ๒๕๖๖

ลงชื่อ.....ผู้รับรองโครงการ

(นายประเสริฐ สิงหลสาย)

รองผู้อำนวยการ ฝ่ายบริหารทรัพยากร

วันที่ ๑๕ เดือน กรกฎาคม ๒๕๖๗

ลงชื่อ.....ผู้อนุมัติโครงการ

(นายวิวัฒน์ บุญพิคำ)

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แบบตอบรับการศึกษาดูงาน
ศึกษาดูงานเรื่อง การผลิตไฟฟ้าด้วยพลังงานความร้อน
ในวันศุกร์ที่ ๖ กันยายน ๒๕๖๗
ณ บริษัท กัลฟ์ เอ็นชี จำกัด

ชื่อหน่วยงาน / บริษัท กัลฟ์ เอ็นชี จำกัด
ที่อยู่ ๔๑๘ หมู่ ๑ ตำบลนนทรี อำเภอบินทร์บุรี จังหวัดปทุมธานี ๒๕๑๑๐
โทรศัพท์ ๐๓๗-๒๑๘๖๓๕-๗ โทรสาร ๐๓๗-๒๑๘๖๓๕

การตอบรับ

☐ ยินดีให้ศึกษาดูงาน

ในวันศุกร์ที่ ๖ กันยายน ๒๕๖๗

เวลาถึง.....น.

ผู้ประสานงานตำแหน่ง.....

โทรศัพท์โทรสาร.....E-mail.....

☐ ไม่สะดวกให้ศึกษาดูงาน

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ภาคผนวก ข-10

เอกสารข้อกำหนดข้อมูลจำเพาะของเครื่องจักรและอุปกรณ์ที่มีเสียงดัง



Gulf MP Company Limited 12SPP Project

Applicable Projects: GNC
Requisition No: FXGB001
EPJ-GNC-002-M-121-209 [A]
System description and control philosophy

FOR APPROVAL

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APPROVED WITH COMMENTS Approved subject to incorporation of comments	AWC X
NOT APPROVED Insufficient information/detail Resubmit for Approval	NAP
REJECTED Complete redesign required	REJ
Note. Approval or does not relieve Vendor/Sub-Contractor of any obligations covered under contract	
Engineer: Harijanto A	
Discipline: 4 Jan 2017	
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System No.

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Rev.A: FOR APPROVAL

System design Philosophy and process description

Project #: 364
Project name: 364 GNC
Rev.: 00

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DESCRIPTION OF EQUIPMENT

When reading this chapter please refer to:

- Piping and Instrument Diagram **EPJ-GNC-002-M-121-211** (364.SC.001)
- Main layout drawings **EPJ-GNC-002-M-121-224** (364.OG.001)
- Mechanical interface list **EPJ-GNC-002-M-121-241** (364TS-4-05)
- Electrical interface list **EPJ-GNC-002-M-121-226** (364TS-4-06)
- Data sheet **EPJ-GNC-002-M-121-212** (364TS-4-12)

Main purpose of Gas Compressor Package (GCP) is to provide compressed gas to the consumers downstream of GCP keeping stable parameters of gas. In order to realize it GCP is equipped with all required and necessary systems accordingly contractual obligations and technical requirements for such kind of equipment and represents as a skid with mounted equipment GCP.

Model of functioning of GCP is following:

Inlet gas line

Through the external connection point on skid edge gas comes into GCP inlet gas line.

Before to get into compressor gas goes through the inlet hand valve HV 100, pneumatically actuate valve SV131-2, filling valve SV169-2, inlet gas filter FS175, check valve RV108, thermo compensator EJ109 and inlet filter strainer FS110. Inlet gas line is also equipped by the visual pressure gauge PI103, transmitting pressure PIT105 and temperature TIT107 transmitters in order to control conditions of the gas in the line.

Compressor

After inlet line, gas goes to the compressor K111 which is driven by the motor M112 and which are coupled by coupling C177. Coupling is covered in order not to hurt maintenance personal during the operation of GCP. Compressor is oil flooded screw compressor and it is equipped with following instruments:

- Slide position transmitter GI 168
- Vibration transmitter YIZ 111-13

Motor is equipped with the following instruments and auxiliaries:

- Temperature transmitters of winding TIA 112-5, TIA 112-6, TIA 112-7

Inside compressor gas is mixed with the oil, compresses and goes to outlet line.

Outlet gas-oil line

Mixture of compressed gas and oil leaves compressor and goes to oil separator B200 via thermo compensator EJ117. Line between compressor and oil separator is equipped by the visual (pressure gauge PI115), and transmitting (pressure transmitter PIT124, temperature transmitter TIT116 and pressure transmitter PIT113-I, II, III and temperature transmitters TIT114-I, II, III) instruments to control mixture conditions. Oil separator represents as vessel where under the action of gravity most of the oil is separating from the mixture and remain in separator which also functions as oil tank. On the top part of oil separator integrated coalescing filter cartridges FSE 120-A going through which gas is filtering from the oil in vapour phase. Oil separator is equipped by the following instruments and auxiliaries:

- Visual oil level meter LI 202 and oil level transmitter LIA 210-1
- Differential pressure transmitter for controlling of the dirtiness of the coalescent cartridges PDIA 120-1
- Pressure safety valve PSV 138 connected with the vent line tracked to the skid edge
- Drain and filling line with hand valve HV 220

Separated in coalescent cartridges oil through the orifices FO120-3, goes to the inlet line of the GCP under the action of different pressure between inlet and outlet lines.

Gas outlet line

Separated gas goes further to the gas cooler W119 which represented and shell-tube heat exchanger, where it is cooled by cooling water in order to keep required temperature of gas, measured by temperature transmitter TIT125. Then on the second stage of separation (gas filters FS 122 and FS121 which are represented as vertical vessel with integrated filter cartridges) remaining part of vaporized is separating from the gas and directing through the visual glasses FG 122-4 and FG 121-4 and check valves RV 122-5 and RV 121-5 to the inlet line of the GCP under the action of different pressure between inlet and outlet lines. In order to control conditions of filter cartridges, gas filter is equipped by differential pressure

transmitter PDIA 122-1 and PDIA 121-1. After filtration oil contamination is less than 0,5 ppm. After second stage of filtration gas goes through the check valve RV129, pneumatically actuated outlet valve SV130-2 and outlet hand valve HV 148 to the external connection point on the skid edge. In case of need to vent gas there is a branch pipe line with the hand valve HV 135-3 and pneumatically actuated vent valve SV135-2 which goes to the vent line from safety valve of the package. HV 135-3 is used for the maintenance purposes and normally closed in operations.

Oil line

Oil separated in oil separator B200 under the action of outlet pressure goes to the oil heat exchanger W203,. Cooled oil goes to oil filter FS 206 represented as two vertical 100% flow vessels with filter cartridges FSE 206 connected with each other by three way valve in order to let GCP continue operation with one dirtied filter. Level of dirtiness of the filter cartridge is controlled by differential pressure transmitter PDIA 206-1 connected to the common lines of the oil filter

After the filtration, the oil line goes to the oil pump P 214-2. In order to keep required pressure difference between outlet pressure of gas and oil mixture and oil pressure, an hydraulically actuated pressure control valve PCV 226 is installed on the oil system. Valve is bypassing oil overflow to the from the outlet line of the pump to the inlet line. In order to prevent unstable operation of the pump during the start of oil pump, oil system is equipped by the line with check valve RV 214-4 installed in order to pass oil to the outlet line of the pump. Oil goes to slide control regulation valve and to the chambers of compressor that require high pressure of the oil to be injected (bearings, mechanical seal etc.). Line between the fine filters and compressor is equipped with the following instruments:

- Oil pressure transmitters PIT 205

Cooling line

In order to cool down oil in oil heat exchanger W 203 and gas in gas heat exchanger W119 there is a liquid cooling line implemented in the GCP. This is open loop line with the inlet and outlet external connections on the skid edge. Inlet cooling line is equipped by the hand shut off valve HV 418-2 and temperature gauge TI 401. Outlet cooling line after the oil heat exchanger W 203 is equipped by the temperature gauge TI 402

Outlet cooling line after the gas heat exchanger W 119 is equipped by the temperature gauge TI 403 and controlled by the control valve TCV440-2 that is regulating the flow of cooling water. After mixing of two cooling water outlet lines, the resulting line goes through hand valve HV418-1 to the skid edge. Cooling down the cooling media is in customer scope as well as cooling water pumping and control of cooling media temperature and/or pressure.

Capacity regulation system

Regulation concept of the project is to keep stable given outlet pressure set point. In order to follow it there are two sub-systems implemented:

- Slide control valve is a hydraulic valve inside the compressor driven by the high pressure oil. This valve changes internal volume of the compression chamber that allows regulating capacity in range between 10 and 100%. Slide is operated by the slide control system FCV 270-1 and FCV 270-2 that consist of solenoid valves that regulate the flow of the oil to move compressor to load or unload direction.
- Pressure control pneumatic valves PCV 123 is connected to outlet line of the GCP with inlet line and provides bypass of the gas from outlet to inlet and regulation in range between 0 and 10% during the operation. However, PCV 123 valve is calculated and designed to provide regulation in full range of capacity (0...100%).

Instrument air line

Most of the actuated valves of the GCP are instrument air actuated. Instrument air line connection point is situated on the skid edge. Further compressed instrument air goes through filter FS504 and pressure transmitters PIT501-I, II, III to the consumers. On each

line there are sets of solenoid valves (MV) that are actuated by the electricity and opening the air flow to the actuator of actuated technological valves.

Enclosure systems

GCP is equipped by the Gas detection system with three gas sensors DAZ 307-1, DAZ 307-2, DAZ 307-3. Gas detectors are set for two set points – 10% LEL and 20% LEL. In case if any detector will recognize 10% LEL, alarm signal will be generated on PLC. In case if any detector will recognize 20% LEL, GCP will be automatically shutted down.

Electrical connections and control panel

In order to organize normal operation of GCP, external electrical connections must be organized:

- Main motor power supply. Main motor must be connected with Medium Voltage Switch Gear (MVSG) by EPC Contractor's cable directly in motor junction box. Pass through the enclosure shall be made through the special Ex-proof cable rack foreseen in enclosure wall (in scope of Enerproject).
- 400 V auxiliary equipment power supply cables are connected by customer directly at the 400 volts terminals of each equipment's (Lube oil pump, Ventilation Fan, Motor heater) while the 400V MCC system is mounted in the PLC cubicle

Control cables are required for the connection of GCP with MVSG and supervision system:

- MVSG must be connected with control cubicle in order to let GCP PLC to interact with main motor and have possibility to proceed with stop sequence in correct way in case of emergency.
- Bus line between packages in order to provide auto start option for compressor un stand by in case of operating compressor will be shut down. Cable is in EPJ scope.
- Signals with supervision are required to have possibility for remote operation of GCP by hard-wire lines. Bus connections with supervision is also foreseen and made in order to let customer current information about working parameters, conditions and active alarm and emergency signals.

GCP is fully automatized and able to keep required operating conditions and follow foreseen operating sequences including start and stop without external intervention.

Measured values from field instruments could generate Alarm (AL) or Emergency (EM) signals on Programmable Logic Controller (PLC) of GCP in order to keep safety operation of the plant. Control cubicle is equipped with HMI for the local control of operation by the maintenance personnel.

Local panel is provided with followings devices:

- Start push button
- Stop push button
- Emergency stop push button
- Local / remote operation mode switch
- Emergency and alarm lights
- Buzzer

DETAILED DESCRIPTIONS OF EQUIPMENT SYSTEMS

Oil injected type screw compressor with slide control

Screw compressors K111 are oil injected dual rotor positive displacement machines with split casing. Rotors are dynamically balanced and standard foreseen from a balancing drum in order to reduce axial thrust. To prevent gas leakage stationary pressure-balanced mechanical seal are provided.

Main characteristic:

- High efficiency due to optimum rotor profile configuration
- High efficiency in a wide range thanks to a capacity control slide
- Long life and low maintenance requirements due to small number of rotating parts
- Low noise level and vibration free running thanks to low rotor speeds and oil injection

Main drive motor

Main drive motor M112 is a self-ventilated medium-voltage three-phase asynchronous drive with a cylindrical shaft end and feather key way. The shaft with the end shield on both ends or with the inner bearing cap forms a flameproof shaft gap. The motor is suitable for continuous operation in ex-proof execution.

Mechanical coupling

Power from main drive motor to compressor, will be transmitted by a mechanical coupling C177.

Oil system

The lube oil system of the compressor package is a closed loop system. The main oil injection port feeds the rotors directly with smaller lines feeding various points on the machine for seals and bearings. Once the oil is injected it will pass through the compressor K111 where it combines with the gas. The gas / oil mixture is then discharged out of the compressor. Injected oil is removed from the gas downstream of the compressor by means

of an oil separator FS120/B200. The oil separator also acts as a reservoir for the lube oil, the oil flows from the bottom of the separator, through an oil cooler W203 and oil filters FS206 and then back to the compressor. Part of the oil is after the oil filter directed to the oil pump P214-2 which ensures proper oil supply to the compressor at all times and is required for the hydraulic device of the capacity control.

Main components:

- oil tank with oil gas separator FS120/B200
- oil cooler W203
- Duplex oil filter (FS206-I, II)
- 100% oil pump screw type with magnetic coupling P214-2

Compressor gas line

The inlet gas line can be isolated by means of a hand ball valve HV100 from here the gas is fed through a standard installed strainer in order to remove large dirt particles.

Inlet line consists of:

- hand ball valve HV100
- actuated inlet valve SV131-2
- check valve RV108
- compressor inlet strainer FS110

The high pressure gas is fed through the oil separator and is then taken through a second stage coalescent filter and then taken off the skid for connection to the field piping.

Outlet consists of:

- oil/gas separator with integrated stages coalescent filter FS120/B200
- pressure relief valve PSV138
- 2nd stage coalescent filters FS121/FS122
- hand ball valve HV148

- check valve RV129
- actuated outlet valve SV130-2

Cooling system water

Demineralized water for cooling is provided by the customer up to the connections flanges of the package. The cooling system includes two shell and tube heat exchangers built for efficient heat transfer, one for the oil W203, other is for gas W119. The heat exchangers consist of a series of tubes. Water flows through the tubes and the medium runs over the tubes in order to be cooled.

Gas Detection

The gas detection system is designed to continuously monitor the explosive level of the atmosphere within the enclosure.

The operating personnel is warned of gas through acoustical and visual signals if the gas concentration in the enclosure increases above pre-selected levels, which are set as per lower explosive limit for warning and emergency shutdown.

Main components:

- 3 gas sensors DAZ307 installed inside the enclosure (2 above the compressor area, 1 around the ventilation outlet air flow area).
- Central analysis station with gas concentration display

Base Frame

The compressor system and its auxiliaries are installed on a self-supporting base frame. The base frame is composed by two parts. The main frame, fully welded, acts as a tight retention basin which, in case of failure of the oil or water systems, can hold the liquids leak within the enclosure. The secondary frame, mounted on the main frame by means of spring pads, holds the compressor and the driving motor and avoid any vibration transmission to the main frame and therefore to the foundation.

- welded base frame with oil collecting shell
- spring pad mounted compressor frame

- lifting eyes at each corner

Sound proof enclosure

The partial enclosure covering most noise-generating components is designed in order to allow easy maintenance on the main components and is built as a classified area.

Main characteristic:

- steel profile frame
- attenuated sound pressure level

Enclosure is provided with a removable roof located over the compressor, in order to permit an easy maintenance from the top.

Vibration monitoring device

The system by mean of accelerometer sensors, monitor the vibration behaviour of the screw compressor and motor.

Main components:

- 1 (YIZ111-13) vibration sensor accelerometer type with embedded electronics mounted on casing
- vibration monitor device is in customer scope and is external. Vibration sensor shall be connected with Bently Nevada MMS.

Control panel

GCP has included to the scope of supply control panel. Control panel control the operation of whole GCP and includes following functions:

- automatic and real-time (remote) control of the start-up, shutdown and ramping unit equipment up to the optimal operation mode and its maintenance;
- automatic control of the compressor capacity depending on the pressure in the outlet pipeline of the GCP
- remote start-up and stop;
- safety as technological and electrical components of the unit operation;

- issuing control commands to actuators and their execution for the transfer of the compression unit equipment in fault-free condition;
- continuous monitoring of main operating conditions and parameters;
- time synchronization between the system components;
- control and monitoring of the unit parameters from the local control panel and DCS;
- keep the liquid level in the filters, separators, oil separator within set-points;
- controlling the temperature, pressure and gas flow at the unit outlet;
- regulation of pressure, flow and temperature of the oil in the oil system;
- integration and output of information in the DCS by standard protocol
- indicating operating hours of main motor and lube oil pump motor
- indication of open/closed, running/stopped positions of equipment of compressor package.

OPERATING CASES

GCP start up and recirculation

Any GCP can be started individually at any time regardless the Turbine operation and related load condition. The unit simply remains in operation recirculating the Gas through the By-Pass line integrated on each skid.

GT Start-up and Operation

The GCP can be started by operator in local or remote mode. This applies to all units.

Stand-By Compressor

The remaining GCP, as long as it is selected to Remote mode switches automatically to Stand-by mode. Stand-by GCP will start automatically only in case of running compressor trips or any alarm will appear. Normal Start of the Stand-by unit is initiated by hardwire signals from DCS.

GT Trip, load variation

If GT trips (even at full load), then none of the gas compressors need to be tripped, as the compressed gas is immediately by-passed through the by-pass line. The opening of the by-pass valve is triggered by the pressure increase driven by the sudden decrease of the Gas flow.

If GT tripped, then GCP will switch automatically to by-pass mode and remain ready to take load as soon as required by the GT re-start. By-pass mode does not require any signal. In case if pressure on outlet is high Compressor package will automatically move slide to the minimal position, in case if this would not be enough (i.e. zero flow) bypass valve will open automatically and compressor will bypass all the gas through itself.

OPERATION MODES

The mode of operation can be selected by the operator as Remote/Local on the HMI panel for each Gas compressor.

Local mode

In local mode of operation, gas compressor can be started individually via Local Start command. Also each gas compressor can be individually stopped using local Stop command.

Remote mode

The remote mode of operation allows Remote start from DCS. Once the local selector is positioned to Remote, the gas compressor perform automatically a preparation sequence switching the unit to Stand-By mode where the compressor is pressurized at Gas inlet pressure and the lube oil Pump is set in operation if temperature is lower than set point or slide is not on minimum position. As soon as temperature will be heated to required set point or/and slide will reach minimum position, pump will be stopped automatically. In this mode, the operator can start or stop any gas compressor at any time.

CONTROL PHILOSOPHY

Concept

During operation the control is performed by the PLC of each compressor monitoring the Pressure at the outlet vs the specific pressure Set point set on GCP HMI.

Any turbine flow variation is followed by a corresponding pressure variation which is adjusted by the Slide Valve

Ready to Start

Fuel gas compressor is in normal condition with all start permissives met.

When all the start permissives are satisfied, the system is now ready to start. By pressing the Start button on the Local Control Panel, or by Remote signal (mode have to be selected using the selector switch on the HMI [Local/ Remote mode selection for each compressor]).

Start-up Sequence

Before the system can be started, a pre start sequence must comply with the first level check of start sequence. All conditions mentioned below must be achieved in order to start the fuel gas compressor

Main equipment's initial position

Gas Inlet isolation valve (SV131-2) is closed

Gas filling valve (SV169-2) is closed

Gas outlet isolation valve (SV130-2) is closed

Recycle control valve (PCV123) is opened

Compressor motor (M112) is off position

Compressor (K111) is off position with slide valve regulation at minimum load

Gas Filling

Gas Inlet isolation bypass valve (SV169-2) is opened and gas filling the GCP until inlet pressure set point will be reached
Gas outlet isolation valve (SV130-2) is opened
Filling valve is maintained open until PIT105 pressure measurement reaches its Set Point

System start up

Gas Inlet isolation valve (SV131-2) is opened
Gas Compressor motor (M112) is started
Gas Compressor (K111) is started
Gas Inlet isolation bypass valve (SV169-2) is closed
Motor M112 and Compressor K111 are started
As soon as M112 reaches the nominal speed, the compressor slide control (figure 1) increases the load while the recycle control valves PCV123 is maintained open.
The pressure set point is achieved and controlled by close loop pressure control of the slide.
The gas stream, recirculating through the recycle control valve PCV123 is ready to supply the fuel gas to the Gas Turbine.

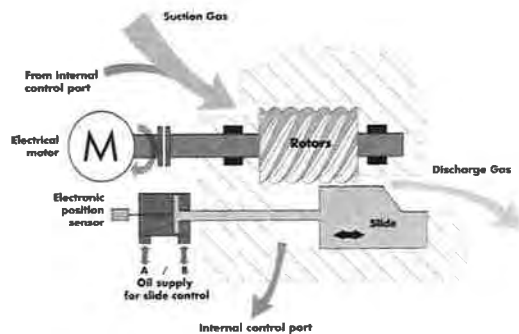


Figure 1

Gas Turbine light-off

At Gas Turbine light-off, the gas flow demand initially decreases the pressure inside the GCP line, the by-pass line PCV123 is closed while the compressor slide controller increases the load in order to maintain the pressure set point.

Gas Turbine operation

During the gas turbine operation, the compressor will be running and gas supply fuel gas to the Gas turbine. The recycle control valve PCV123 will be in closed position. Any Gas Turbine flow demand variation affects the GCP pressure which is monitored by the PLC acting at the slide.

Gas Turbine-Stops

In case the customer needs to stop the Gas Turbine temporarily, the presence of the by-pass line helps to avoid the immediate shut-down of the FGC that can remain ready to supply gas at any time. The by-pass line is shown on the P&ID and it is a line connecting the outlet line and inlet line with a pneumatically actuated valve PCV123. This valve is needed when the compressor operates at low capacity – 0...10% of nominal flow. When capacity is low, the PLC automatically will open and regulate the position of the by-pass valve. In this case, part of the gas will be bypassed from outlet to inlet gas line, which will reduce flow going to the customer even to 0% when needed. Gas outlet isolation valve SV130-2 remains open.

By-Pass mode

As long as sufficient water cooling is provided, the unit can be operated unlimited in By-Pass configuration.

During start-up sequence (waiting for Gas Turbine start-up) or after a Gas Turbine stop (waiting for GT re-start).

Gas Inlet isolation valve (SV131-2) is opened
Gas outlet isolation valve (SV130-2) is opened

Bypass automatic pressure control valve (PCV123) is opened

Compressor motor (M112) is on

Compressor (K111) is running with slide valve regulation at minimum load

During this mode gas flows through the by-pass valve PCV123 instead of going to the customer side. This allows compressor unit to operate with no-load and be ready for start working on load at any moment when turbine will be ready for gas consumption.

Compressor Shutdown (STOP) Sequence

The shutdown sequence is activated once "Stop" signal is sent by Local Control Panel or REMOTE STOP unlatched only.

There are two shutdown scenarios:

1. Compressor shutdown sequence for normal mode.
2. Compressor protective trip shutdown.

Compressor Shutdown Sequence for NORMAL Mode

When Stop-button is pushed, the following shutdown sequences are executed:

- Slide valve is forced to move to minimum position
- After slide reaches minimum position or after 30 seconds after this command Main motor and pumps are stopped and vent valve and by-pass valve are opened.
- Enclosure fan will run till required temperature in enclosure is reached.

Compressor protective trip shutdown

When Emergency Stop-button is pushed or PLC generated emergency activated, the following shutdown sequences are executed:

- Main motor and pumps are stopped immediately and vent valve and by-pass valve are opened.

Status Indications & Compressor Alarms

All the analog and digital measurements of compressor package will be monitored in the HMI located at the PLC panel. The GCP (Start up/shut down) and monitoring will be executed from the HMI. The signals that trip the compressor are listed in the related Document "BIC2-TD-CK0402 - PLC communication address list".

The different type of alarms such as low low, low, high, high high are configured in the PLC as per signal list Document. The alarms set points are indicated in the signal list. During the plant operation the alarms will appear in the HMI as per the priority of the alarm. Usually the alarms are configured in two types, one is advisory alarms i.e. low, high and second one is critical alarms these are distinct by different colour in HMI. Also the field signals such as transmitters are giving the alarm signals in HMI and the trip signals also initiated to start & stop the equipment's as per the plant "operation flow chart".

The alarms are initiated from field as described at below,

- 1) Alarm signals are generated by dry contact from field transmitter.
- 2) By comparing transmitter readings with given set point at the PLC. If reading is higher than the set point, and the system is checking for a high alarm, there will be a high alarm generated and vice versa for the low alarm. The set point will be keyed in by the operator at the HMI.

All the Gas compressor alarms will be shown in the HMI and the alarm summary page will be available in the HMI to see the history of the alarms. All the Gas compressor signals and alarms are sent to DCS through RS485 serial link Modbus communication for monitoring at control room. However each gas compressor remote start/stop and status signals are connected to DCS by hard wired.

Mode of operation

Mode of operation	Command	Action
Local mode of GCP #1 selected in PLC HMI. (same action for local mode of GCP # 2)	Start GCP #1 from PLC HMI	Outlet gas valve open (SV 130-2) Filling valve open until filling pressure is reached (SV169-2). Inlet gas valve open (SV 131-2) Lube oil pump start (P 214-2) and lube oil pressure is checked. Main motor runs (M112). Compressor discharge pressure control is enabled.
	Stop GCP # 1 from PLC HMI	Main motor stops (M112). Gas discharge pressure control is disabled. Gas inlet (SV 131-2) and outlet (SV 130-2) valves close. Lube oil pump (P 214-2) stops after 10 seconds. Gas pressure is released via vent valve (SV 135-2) and the stop sequence ends after 5 minutes.
Remote mode of GCP # 1 selected in PLC HMI. (similar action for remote mode of GCP # 2)	Start GCP # 1 from DCS HMI	GCP # 1 is already in standby mode and filling sequence performed. Lube oil pump (P 214-2) start and lube oil pressure is checked. Main motor run (M112). Compressor discharge pressure control is enabled.
	Stop GCP # 1 from DCS HMI	Main motor stops (M112). Gas discharge pressure control is disabled. Gas inlet (SV 131-2) and outlet (SV 130-2) valves close. Lube oil pump (P 214-2) stops after 10 seconds. Gas pressure is released via vent valve (SV 135-2) and the stop sequence ends after 5 minutes.

Note : Failure of any of above will initiate an alarm in HMI

CONTROLS OF AUXILIARIES

Lube Oil system

As long as the compressor is in operation the lube oil Pump P214-2 is ON. This guarantee constant lube oil flow for following purposes:

- Compressor bare shaft BRG lubrication
- Compressor bare shaft rotor lubrication
- Gas cooling
- Hydraulic control of slide valve (positioning of the slide piston by means of a 4-20mA proportional valve)

Lube oil Pump (P214-2)

Oil injection into the high pressure sections of compressor is achieved monitoring a minimum pressure difference between the high Gas pressure side and the lube oil.

PCV226

is adjusted at commissioning at its final Set Point keeping set pressure difference between gas outlet pressure and oil pressure. The lube oil pressure is monitored by means of PIT205

Cooling water system

Demineralized water flowing through the cooling water lines supplies the following equipment:

Gas Cooler W119 shell and tube heat exchanger

Oil Cooler W203 shell and tube heat exchanger :-

Gas Detection System

Gas detectors :

Gas detectors will be installed and used to monitor the explosive level of the atmosphere within the sound enclosure. Once the sensors detect the Gas level, it will give the alarm signal to Gas alarm control panel at CCR for further action by control room operator.

Fire detection and fire fighting System

Compressor package is equipped with two fire detector sensors IS 318-2-I and IS318-2-II. In case if one detects fire compressor package alarm is activated (BUS signal, local light and horn HA318-3), in case of two detectors would detect fire, package would be shuttled down and fire fighting system with CO₂ would be activated.

START/STOP & LOAD CHANGE FUNCTIONS FOR MULTI UNIT OPERATION

Each GCP will be controlled automatically by respective local control panel to maintain the discharge gas pressure. Discharge gas pressure will be decided by the maximum required gas pressure among all running gas turbine corresponding to the gas turbine load demand.

One (1) gas compressor will be working for one (1) gas turbine. The stand-by compressor will start to operate if receive command from DCS except the case when running compressor trips or alarm is generated. In this case stand-by compressor will start operation.

ภาคผนวก ข-11

เอกสารการตรวจสอบ Silencer

Applicable Equipment List for Near Field Noise Measurement

Project: GNC

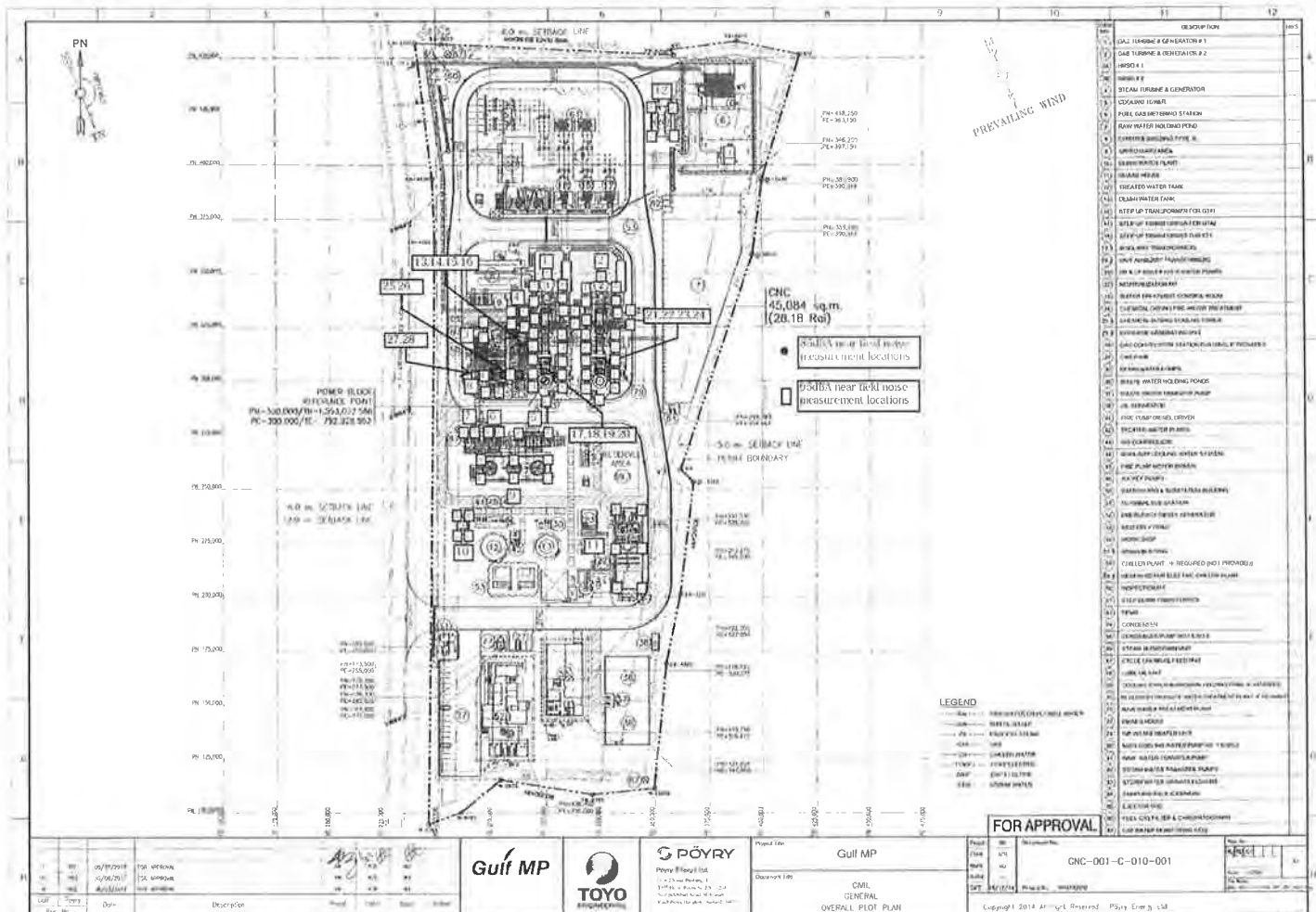
Rev. :

1

Date :

2018/1/28

Sr. #	KKS tag	Equipment	Type of test	Remarks
For 85 dBA near field noise				
1	11MB, 11HA	GTG11&HRSG11	85dBA	
2	12MB, 12HA	GTG12&HRSG12	85dBA	
3	10MA	STG	85dBA	
4	10LAC11AP001, 10LAC12AP001, 10LAC12AP001	BFW pumps	85dBA	
5	10PAC11AP001, 10PAC12AP001	MCW pumps	85dBA	
6	10PCC11AP001, 10PCC12AP001	ACW pumps	85dBA	
7	10PGC11AP001, 10PGC12AP001	CCW pumps	85dBA	
8	10LCB10AP001, 10LCB20AP001	Condensate pumps	85dBA	
9	10PAD91AN001, 10PAD92AN001, 10PAD93AN001	Cooling tower fans	85dBA	
10	10QEA	Air compressor package	85dBA	
11	10GC	Water treatment plant	85dBA	
12	10EKH	Fuel gas compressor package	85dBA	
For 95 dBA near field noise				
13	11LBH10BS001	HRSG11 HP start up vent silencer	95dBA	
14	11LBH65BS001	HRSG11 LP start up vent silencer	95dBA	
15	12LBH10BS001	HRSG12 HP start up vent silencer	95dBA	
16	12LBH65BS001	HRSG12 LP start up vent silencer	95dBA	
17	11LBA10BS201	HRSG11 HP superheater safety valve silencer	95dBA	
18	11LBA50BS201	HRSG11 LP superheater safety valve silencer	95dBA	
19	11HAD10BS201	HRSG11 HP drum safety valve silencer	95dBA	
20	11HAD50BS201	HRSG11 LP drum safety valve silencer	95dBA	
21	12LBA10BS201	HRSG12 HP superheater safety valve silencer	95dBA	
22	12LBA50BS201	HRSG12 LP superheater safety valve silencer	95dBA	
23	12HAD10BS201	HRSG12 HP drum safety valve silencer	95dBA	
24	12HAD50BS201	HRSG12 LP drum safety valve silencer	95dBA	
25	11MAN40AA001	HRSG 11 HP turbine bypass valve	95dBA	
26	11MAN10AA001	HRSG 11 LP turbine bypass valve	95dBA	
27	12MAN40AA001	HRSG 12 HP turbine bypass valve	95dBA	
28	12MAN10AA001	HRSG 12 LP turbine bypass valve	95dBA	



Near field noise (85dBA)
(To follow)

Near field noise (95dBA)
Start up vent silencers



Report No. : 2018-00090 / 001-6 (Page 1 of 6)

Issued date : February 8, 2018

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Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRS G11 HP&LP start up vent silencer, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR-161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
7:58:19 - 7:58:29	81.5	8:03:19 - 8:03:29	70.6	8:08:19 - 8:08:29	74.0
7:58:29 - 7:58:39	70.3	8:03:29 - 8:03:39	74.3	8:08:29 - 8:08:39	73.8
7:58:39 - 7:58:49	70.1	8:03:39 - 8:03:49	74.2	8:08:39 - 8:08:49	73.0
7:58:49 - 7:58:59	70.1	8:03:49 - 8:03:59	72.4	8:08:49 - 8:08:59	72.8
7:58:59 - 7:59:09	70.0	8:03:59 - 8:04:09	72.9	8:08:59 - 8:09:09	73.6
7:59:09 - 7:59:19	70.0	8:04:09 - 8:04:19	75.1	8:09:09 - 8:09:19	73.7
7:59:19 - 7:59:29	70.8	8:04:19 - 8:04:29	72.9	8:09:19 - 8:09:29	73.0
7:59:29 - 7:59:39	70.2	8:04:29 - 8:04:39	73.4	8:09:29 - 8:09:39	72.8
7:59:39 - 7:59:49	71.5	8:04:39 - 8:04:49	73.3	8:09:39 - 8:09:49	74.0
7:59:49 - 7:59:59	70.2	8:04:49 - 8:04:59	74.2	8:09:49 - 8:09:59	73.5
7:59:59 - 8:00:09	70.0	8:04:59 - 8:05:09	73.7	8:09:59 - 8:10:09	74.1
8:00:09 - 8:00:19	69.9	8:05:09 - 8:05:19	73.6	8:10:09 - 8:10:19	73.8
8:00:19 - 8:00:29	69.8	8:05:19 - 8:05:29	73.4	8:10:19 - 8:10:29	73.8
8:00:29 - 8:00:39	69.8	8:05:29 - 8:05:39	73.4	8:10:29 - 8:10:39	74.2
8:00:39 - 8:00:49	70.2	8:05:39 - 8:05:49	73.0	8:10:39 - 8:10:49	74.1
8:00:49 - 8:00:59	71.3	8:05:49 - 8:05:59	72.5	8:10:49 - 8:10:59	74.3
8:00:59 - 8:01:09	70.6	8:05:59 - 8:06:09	72.8	8:10:59 - 8:11:09	75.0
8:01:09 - 8:01:19	72.6	8:06:09 - 8:06:19	73.3	8:11:09 - 8:11:19	74.3
8:01:19 - 8:01:29	70.6	8:06:19 - 8:06:29	73.7	8:11:19 - 8:11:29	74.9
8:01:29 - 8:01:39	70.6	8:06:29 - 8:06:39	73.7	8:11:29 - 8:11:39	72.5
8:01:39 - 8:01:49	70.7	8:06:39 - 8:06:49	74.4	8:11:39 - 8:11:49	72.9
8:01:49 - 8:01:59	71.3	8:06:49 - 8:06:59	73.9	8:11:49 - 8:11:59	73.6
8:01:59 - 8:02:09	70.4	8:06:59 - 8:07:09	73.0	8:11:59 - 8:12:09	73.2
8:02:09 - 8:02:19	70.4	8:07:09 - 8:07:19	73.5	8:12:09 - 8:12:19	76.2
8:02:19 - 8:02:29	70.3	8:07:19 - 8:07:29	73.7	8:12:19 - 8:12:29	77.3
8:02:29 - 8:02:39	70.4	8:07:29 - 8:07:39	74.3	8:12:29 - 8:12:39	77.2
8:02:39 - 8:02:49	70.6	8:07:39 - 8:07:49	73.3	8:12:39 - 8:12:49	77.3
8:02:49 - 8:02:59	70.6	8:07:49 - 8:07:59	73.2	8:12:49 - 8:12:59	77.3
8:02:59 - 8:03:09	70.6	8:07:59 - 8:08:09	72.7	8:12:59 - 8:13:09	77.5
8:03:09 - 8:03:19	70.5	8:08:09 - 8:08:19	73.1	8:13:09 - 8:13:19	77.4
Guaranteed Value* 95 dB(A)					



Report No. : 2018-00090 / 001-6 (Page 2 of 6)

Issued date : February 8, 2018

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Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRS G11 HP&LP start up vent silencer, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR-161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
8:13:19 - 8:13:29	77.4	8:18:19 - 8:18:29	77.3	8:23:19 - 8:23:29	84.8
8:13:29 - 8:13:39	77.3	8:18:29 - 8:18:39	77.3	8:23:29 - 8:23:39	84.6
8:13:39 - 8:13:49	77.3	8:18:39 - 8:18:49	76.9	8:23:39 - 8:23:49	84.8
8:13:49 - 8:13:59	77.3	8:18:49 - 8:18:59	77.1	8:23:49 - 8:23:59	84.9
8:13:59 - 8:14:09	77.4	8:18:59 - 8:19:09	77.6	8:23:59 - 8:24:09	85.1
8:14:09 - 8:14:19	77.4	8:19:09 - 8:19:19	78.1	8:24:09 - 8:24:19	85.4
8:14:19 - 8:14:29	77.4	8:19:19 - 8:19:29	78.8	8:24:19 - 8:24:29	85.4
8:14:29 - 8:14:39	77.4	8:19:29 - 8:19:39	79.4	8:24:29 - 8:24:39	85.2
8:14:39 - 8:14:49	77.4	8:19:39 - 8:19:49	80.2	8:24:39 - 8:24:49	85.2
8:14:49 - 8:14:59	77.4	8:19:49 - 8:19:59	80.6	8:24:49 - 8:24:59	85.4
8:14:59 - 8:15:09	77.4	8:19:59 - 8:20:09	81.2	8:24:59 - 8:25:09	85.4
8:15:09 - 8:15:19	77.5	8:20:09 - 8:20:19	81.7	8:25:09 - 8:25:19	85.7
8:15:19 - 8:15:29	77.4	8:20:19 - 8:20:29	82.1	8:25:19 - 8:25:29	86.0
8:15:29 - 8:15:39	77.5	8:20:29 - 8:20:39	82.3	8:25:29 - 8:25:39	86.1
8:15:39 - 8:15:49	77.5	8:20:39 - 8:20:49	82.6	8:25:39 - 8:25:49	86.3
8:15:49 - 8:15:59	77.5	8:20:49 - 8:20:59	82.9	8:25:49 - 8:25:59	86.3
8:15:59 - 8:16:09	77.5	8:20:59 - 8:21:09	83.4	8:25:59 - 8:26:09	86.5
8:16:09 - 8:16:19	77.5	8:21:09 - 8:21:19	83.8	8:26:09 - 8:26:19	86.5
8:16:19 - 8:16:29	77.5	8:21:19 - 8:21:29	84.0	8:26:19 - 8:26:29	86.4
8:16:29 - 8:16:39	77.6	8:21:29 - 8:21:39	84.0	8:26:29 - 8:26:39	86.5
8:16:39 - 8:16:49	77.4	8:21:39 - 8:21:49	84.1	8:26:39 - 8:26:49	86.3
8:16:49 - 8:16:59	77.4	8:21:49 - 8:21:59	84.1	8:26:49 - 8:26:59	86.5
8:16:59 - 8:17:09	77.5	8:21:59 - 8:22:09	84.0	8:26:59 - 8:27:09	86.6
8:17:09 - 8:17:19	77.4	8:22:09 - 8:22:19	84.1	8:27:09 - 8:27:19	86.3
8:17:19 - 8:17:29	77.4	8:22:19 - 8:22:29	84.4	8:27:19 - 8:27:29	86.1
8:17:29 - 8:17:39	77.5	8:22:29 - 8:22:39	84.4	8:27:29 - 8:27:39	86.2
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8:17:49 - 8:17:59	77.4	8:22:49 - 8:22:59	84.4	8:27:49 - 8:27:59	86.4
8:17:59 - 8:18:09	77.6	8:22:59 - 8:23:09	84.6	8:27:59 - 8:28:09	86.4
8:18:09 - 8:18:19	77.5	8:23:09 - 8:23:19	84.7	8:28:09 - 8:28:19	86.3
Guaranteed Value* 95 dB(A)					

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Report No. : 2018-00090 / 001-6 (Page 3 of 6)

Issued date : February 8, 2018

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Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRSG11 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
8:28:19	86.3	8:33:19	87.3	8:38:19	84.8
8:28:29	86.2	8:33:29	87.3	8:38:29	78.5
8:28:39	86.2	8:33:39	87.2	8:38:39	78.3
8:28:49	86.2	8:33:49	87.1	8:38:49	84.1
8:28:59	86.3	8:33:59	87.2	8:38:59	85.2
8:29:09	86.4	8:34:09	87.2	8:39:09	85.7
8:29:19	86.5	8:34:19	87.1	8:39:19	86.5
8:29:29	86.5	8:34:29	86.9	8:39:29	86.6
8:29:39	86.8	8:34:39	86.8	8:39:39	87.2
8:29:49	86.7	8:34:49	86.7	8:39:49	87.3
8:29:59	86.8	8:34:59	86.7	8:39:59	87.6
8:30:09	86.7	8:35:09	86.6	8:40:09	88.0
8:30:19	86.7	8:35:19	86.6	8:40:19	88.4
8:30:29	86.7	8:35:29	86.5	8:40:29	88.6
8:30:39	86.7	8:35:39	86.4	8:40:39	88.6
8:30:49	86.8	8:35:49	86.4	8:40:49	88.9
8:30:59	86.7	8:35:59	86.2	8:40:59	89.3
8:31:09	86.7	8:36:09	86.3	8:41:09	89.3
8:31:19	86.9	8:36:19	86.4	8:41:19	89.5
8:31:29	87.0	8:36:29	86.4	8:41:29	89.4
8:31:39	87.0	8:36:39	86.2	8:41:39	89.6
8:31:49	87.0	8:36:49	86.2	8:41:49	89.6
8:31:59	87.1	8:36:59	86.3	8:41:59	89.7
8:32:09	87.1	8:37:09	86.5	8:42:09	89.8
8:32:19	87.1	8:37:19	86.5	8:42:19	89.8
8:32:29	87.3	8:37:29	86.2	8:42:29	89.1
8:32:39	87.3	8:37:39	85.9	8:42:39	89.8
8:32:49	87.4	8:37:49	85.7	8:42:49	89.1
8:32:59	87.5	8:37:59	85.9	8:42:59	89.7
8:33:09	87.5	8:38:09	85.8	8:43:09	89.6
Guaranteed Value*		95		dB(A)	



Report No. : 2018-00090 / 001-6 (Page 4 of 6)

Issued date : February 8, 2018

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Tel. 085-020-0134
Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRSG11 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
8:43:19	90.1	8:48:19	90.8	8:53:19	90.9
8:43:29	90.4	8:48:29	90.7	8:53:29	90.7
8:43:39	90.8	8:48:39	90.8	8:53:39	91.0
8:43:49	91.0	8:48:49	90.7	8:53:49	90.6
8:43:59	91.1	8:48:59	90.7	8:53:59	90.8
8:44:09	91.1	8:49:09	90.8	8:54:09	90.9
8:44:19	91.1	8:49:19	90.8	8:54:19	90.6
8:44:29	91.0	8:49:29	90.7	8:54:29	91.0
8:44:39	91.3	8:49:39	90.9	8:54:39	90.8
8:44:49	91.0	8:49:49	90.7	8:54:49	90.7
8:44:59	91.1	8:49:59	90.8	8:54:59	91.1
8:45:09	91.2	8:50:09	90.9	8:55:09	90.7
8:45:19	91.1	8:50:19	90.6	8:55:19	90.9
8:45:29	91.3	8:50:29	90.9	8:55:29	91.1
8:45:39	91.1	8:50:39	90.7	8:55:39	90.7
8:45:49	91.4	8:50:49	90.9	8:55:49	91.0
8:45:59	91.1	8:50:59	90.7	8:55:59	90.7
8:46:09	91.0	8:51:09	91.1	8:56:09	91.0
8:46:19	91.1	8:51:19	90.8	8:56:19	90.9
8:46:29	91.1	8:51:29	91.1	8:56:29	90.7
8:46:39	91.1	8:51:39	90.9	8:56:39	91.0
8:46:49	91.0	8:51:49	91.0	8:56:49	90.6
8:46:59	90.9	8:51:59	90.8	8:56:59	90.8
8:47:09	91.2	8:52:09	91.0	8:57:09	90.9
8:47:19	90.9	8:52:19	90.7	8:57:19	90.5
8:47:29	91.1	8:52:29	90.8	8:57:29	91.0
8:47:39	90.8	8:52:39	90.8	8:57:39	90.9
8:47:49	90.9	8:52:49	90.9	8:57:49	90.8
8:47:59	90.7	8:52:59	90.7	8:57:59	91.2
8:48:09	90.8	8:53:09	90.9	8:58:09	90.8
Guaranteed Value*		95		dB(A)	

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Report No. : 2018-00090 / 001-6 (Page 5 of 6)

Issued date : February 8, 2018

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Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRSG11 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cernus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
8:58:19	8:58:29	91.0	9:03:19	9:03:29	91.0
8:58:29	8:58:39	91.2	9:03:29	9:03:39	90.7
8:58:39	8:58:49	90.9	9:03:39	9:03:49	90.8
8:58:49	8:58:59	91.2	9:03:49	9:03:59	90.9
8:58:59	8:59:09	90.9	9:03:59	9:04:09	90.8
8:59:09	8:59:19	90.7	9:04:09	9:04:19	88.5
8:59:19	8:59:29	91.0	9:04:19	9:04:29	88.5
8:59:29	8:59:39	90.8	9:04:29	9:04:39	87.6
8:59:39	8:59:49	90.9	9:04:39	9:04:49	86.9
8:59:49	8:59:59	91.0	9:04:49	9:04:59	86.5
8:59:59	9:00:09	90.6	9:04:59	9:05:09	86.1
9:00:09	9:00:19	90.9	9:05:09	9:05:19	85.6
9:00:19	9:00:29	90.6	9:05:19	9:05:29	85.2
9:00:29	9:00:39	90.7	9:05:29	9:05:39	82.2
9:00:39	9:00:49	91.0	9:05:39	9:05:49	85.0
9:00:49	9:00:59	90.7	9:05:49	9:05:59	86.1
9:00:59	9:01:09	90.9	9:05:59	9:06:09	86.0
9:01:09	9:01:19	91.0	9:06:09	9:06:19	86.6
9:01:19	9:01:29	90.7	9:06:19	9:06:29	87.2
9:01:29	9:01:39	91.0	9:06:29	9:06:39	87.6
9:01:39	9:01:49	90.8	9:06:39	9:06:49	87.6
9:01:49	9:01:59	90.7	9:06:49	9:06:59	87.7
9:01:59	9:02:09	91.0	9:06:59	9:07:09	87.7
9:02:09	9:02:19	90.6	9:07:09	9:07:19	87.0
9:02:19	9:02:29	90.7	9:07:19	9:07:29	88.4
9:02:29	9:02:39	90.9	9:07:29	9:07:39	89.4
9:02:39	9:02:49	90.6	9:07:39	9:07:49	90.2
9:02:49	9:02:59	90.9	9:07:49	9:07:59	89.7
9:02:59	9:03:09	90.7	9:07:59	9:08:09	90.3
9:03:09	9:03:19	90.7	9:08:09	9:08:19	90.1
Guaranteed Value* 95 dB(A)					



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Tel. 085-020-0134
Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRSG11 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cernus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
9:13:19	9:13:29	78.8	9:15:09	9:15:19	78.8
9:13:29	9:13:39	78.9	9:15:19	9:15:29	78.8
9:13:39	9:13:49	79.0	9:15:29	9:15:39	78.8
9:13:49	9:13:59	82.0	9:15:39	9:15:49	79.0
9:13:59	9:14:09	78.3	9:15:49	9:15:59	78.9
9:14:09	9:14:19	79.0	9:15:59	9:16:09	84.3
9:14:19	9:14:29	78.9	9:16:09	9:16:19	81.8
9:14:29	9:14:39	79.0	9:16:19	9:16:29	80.4
9:14:39	9:14:49	79.0	9:16:29	9:16:39	79.2
9:14:49	9:14:59	79.0	9:16:39	9:16:49	79.2
9:14:59	9:15:09	78.8	9:16:49	9:16:59	79.8
Guaranteed Value* 95 dB(A)					

Source : * Guaranteed Value of GNC Power Plant

Siriporn Imwilaiwan
(Siriporn Imwilaiwan)
Environmental Monitoring Manager

Thapson Yommana
(Thapson Yommana)
Technical Manager



TY/SS/AS/CJ

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Report No. : 2018-00090 / 001-7 (Page 1 of 5)

Issued date : February 8, 2018

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Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
 MEASUREMENT LOCATION : HRS12 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
 CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
 Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
 SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
9:46:05 - 9:46:15	78.5	9:51:05 - 9:51:15	78.5	9:56:05 - 9:56:15	78.7
9:46:15 - 9:46:25	78.7	9:51:15 - 9:51:25	78.7	9:56:15 - 9:56:25	78.8
9:46:25 - 9:46:35	78.7	9:51:25 - 9:51:35	78.5	9:56:25 - 9:56:35	78.8
9:46:35 - 9:46:45	78.8	9:51:35 - 9:51:45	78.5	9:56:35 - 9:56:45	78.4
9:46:45 - 9:46:55	78.7	9:51:45 - 9:51:55	78.6	9:56:45 - 9:56:55	78.5
9:46:55 - 9:47:05	78.6	9:51:55 - 9:52:05	78.6	9:56:55 - 9:57:05	78.7
9:47:05 - 9:47:15	78.4	9:52:05 - 9:52:15	78.7	9:57:05 - 9:57:15	78.8
9:47:15 - 9:47:25	78.6	9:52:15 - 9:52:25	78.6	9:57:15 - 9:57:25	78.8
9:47:25 - 9:47:35	78.7	9:52:25 - 9:52:35	78.4	9:57:25 - 9:57:35	78.8
9:47:35 - 9:47:45	78.7	9:52:35 - 9:52:45	78.3	9:57:35 - 9:57:45	78.9
9:47:45 - 9:47:55	78.7	9:52:45 - 9:52:55	78.5	9:57:45 - 9:57:55	78.8
9:47:55 - 9:48:05	78.8	9:52:55 - 9:53:05	78.5	9:57:55 - 9:58:05	78.7
9:48:05 - 9:48:15	78.6	9:53:05 - 9:53:15	78.5	9:58:05 - 9:58:15	78.7
9:48:15 - 9:48:25	78.6	9:53:15 - 9:53:25	78.5	9:58:15 - 9:58:25	78.8
9:48:25 - 9:48:35	78.6	9:53:25 - 9:53:35	78.5	9:58:25 - 9:58:35	79.0
9:48:35 - 9:48:45	78.5	9:53:35 - 9:53:45	78.6	9:58:35 - 9:58:45	78.9
9:48:45 - 9:48:55	78.7	9:53:45 - 9:53:55	78.6	9:58:45 - 9:58:55	78.9
9:48:55 - 9:49:05	78.7	9:53:55 - 9:54:05	78.5	9:58:55 - 9:59:05	79.0
9:49:05 - 9:49:15	78.6	9:54:05 - 9:54:15	78.5	9:59:05 - 9:59:15	79.1
9:49:15 - 9:49:25	79.0	9:54:15 - 9:54:25	78.6	9:59:15 - 9:59:25	79.0
9:49:25 - 9:49:35	78.6	9:54:25 - 9:54:35	78.6	9:59:25 - 9:59:35	79.1
9:49:35 - 9:49:45	78.5	9:54:35 - 9:54:45	78.7	9:59:35 - 9:59:45	79.3
9:49:45 - 9:49:55	78.4	9:54:45 - 9:54:55	78.7	9:59:45 - 9:59:55	79.4
9:49:55 - 9:50:05	78.4	9:54:55 - 9:55:05	78.8	9:59:55 - 10:00:05	79.3
9:50:05 - 9:50:15	78.4	9:55:05 - 9:55:15	78.7	10:00:05 - 10:00:15	79.1
9:50:15 - 9:50:25	78.6	9:55:15 - 9:55:25	78.4	10:00:15 - 10:00:25	79.0
9:50:25 - 9:50:35	78.6	9:55:25 - 9:55:35	78.4	10:00:25 - 10:00:35	78.9
9:50:35 - 9:50:45	78.6	9:55:35 - 9:55:45	78.4	10:00:35 - 10:00:45	78.9
9:50:45 - 9:50:55	78.7	9:55:45 - 9:55:55	78.5	10:00:45 - 10:00:55	78.8
9:50:55 - 9:51:05	78.8	9:55:55 - 9:56:05	78.6	10:00:55 - 10:01:05	78.8
Guaranteed Value*		95	dB(A)		



Report No. : 2018-00090 / 001-7 (Page 2 of 5)

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Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
 MEASUREMENT LOCATION : HRS12 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
 CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
 Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
 SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
10:01:05 - 10:01:15	78.9	10:06:05 - 10:06:15	84.8	10:11:05 - 10:11:15	87.7
10:01:15 - 10:01:25	79.1	10:06:15 - 10:06:25	83.1	10:11:15 - 10:11:25	85.2
10:01:25 - 10:01:35	79.1	10:06:25 - 10:06:35	85.6	10:11:25 - 10:11:35	87.8
10:01:35 - 10:01:45	79.1	10:06:35 - 10:06:45	85.6	10:11:35 - 10:11:45	88.1
10:01:45 - 10:01:55	78.9	10:06:45 - 10:06:55	85.8	10:11:45 - 10:11:55	87.9
10:01:55 - 10:02:05	77.7	10:06:55 - 10:07:05	84.7	10:11:55 - 10:12:05	88.1
10:02:05 - 10:02:15	77.8	10:07:05 - 10:07:15	84.5	10:12:05 - 10:12:15	87.4
10:02:15 - 10:02:25	78.1	10:07:15 - 10:07:25	85.2	10:12:15 - 10:12:25	86.9
10:02:25 - 10:02:35	78.5	10:07:25 - 10:07:35	86.2	10:12:25 - 10:12:35	88.2
10:02:35 - 10:02:45	79.3	10:07:35 - 10:07:45	85.5	10:12:35 - 10:12:45	88.1
10:02:45 - 10:02:55	80.2	10:07:45 - 10:07:55	84.8	10:12:45 - 10:12:55	88.4
10:02:55 - 10:03:05	80.4	10:07:55 - 10:08:05	84.1	10:12:55 - 10:13:05	88.8
10:03:05 - 10:03:15	80.8	10:08:05 - 10:08:15	83.6	10:13:05 - 10:13:15	88.9
10:03:15 - 10:03:25	81.2	10:08:15 - 10:08:25	85.9	10:13:15 - 10:13:25	88.7
10:03:25 - 10:03:35	81.3	10:08:25 - 10:08:35	86.4	10:13:25 - 10:13:35	86.9
10:03:35 - 10:03:45	81.5	10:08:35 - 10:08:45	85.7	10:13:35 - 10:13:45	88.4
10:03:45 - 10:03:55	79.9	10:08:45 - 10:08:55	87.1	10:13:45 - 10:13:55	87.3
10:03:55 - 10:04:05	78.8	10:08:55 - 10:09:05	87.2	10:13:55 - 10:14:05	86.7
10:04:05 - 10:04:15	80.0	10:09:05 - 10:09:15	85.9	10:14:05 - 10:14:15	87.0
10:04:15 - 10:04:25	81.0	10:09:15 - 10:09:25	86.8	10:14:15 - 10:14:25	89.1
10:04:25 - 10:04:35	81.4	10:09:25 - 10:09:35	87.5	10:14:25 - 10:14:35	88.8
10:04:35 - 10:04:45	82.2	10:09:35 - 10:09:45	87.7	10:14:35 - 10:14:45	86.4
10:04:45 - 10:04:55	82.7	10:09:45 - 10:09:55	88.0	10:14:45 - 10:14:55	89.2
10:04:55 - 10:05:05	82.2	10:09:55 - 10:10:05	88.0	10:14:55 - 10:15:05	88.8
10:05:05 - 10:05:15	82.9	10:10:05 - 10:10:15	87.7	10:15:05 - 10:15:15	89.5
10:05:15 - 10:05:25	82.7	10:10:15 - 10:10:25	87.8	10:15:15 - 10:15:25	88.8
10:05:25 - 10:05:35	85.2	10:10:25 - 10:10:35	87.7	10:15:25 - 10:15:35	87.7
10:05:35 - 10:05:45	85.5	10:10:35 - 10:10:45	87.9	10:15:35 - 10:15:45	88.0
10:05:45 - 10:05:55	84.7	10:10:45 - 10:10:55	87.9	10:15:45 - 10:15:55	88.2
10:05:55 - 10:06:05	84.5	10:10:55 - 10:11:05	86.2	10:15:55 - 10:16:05	86.3
Guaranteed Value*		95	dB(A)		

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E 165733

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Report No. : 2018-00090 / 001-7 (Page 3 of 5)

Issued date : February 8, 2018

CLIENT : TOYO ENGINEERING CORPORATION
CONTACT : Mr. Osamu Yamasaki
ADDRESS : 1126/2 Vanit 2 Building 11th Floor, New Petchburi Road, Makkasan, Rajchathewi, Bangkok 10400
Tel. 085-020-0134
Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRS12 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
10:16:05 - 10:16:15	88.1	10:21:05 - 10:21:15	87.1	10:26:05 - 10:26:15	83.9
10:16:15 - 10:16:25	87.8	10:21:15 - 10:21:25	86.9	10:26:15 - 10:26:25	83.6
10:16:25 - 10:16:35	88.0	10:21:25 - 10:21:35	87.1	10:26:25 - 10:26:35	84.1
10:16:35 - 10:16:45	88.1	10:21:35 - 10:21:45	87.0	10:26:35 - 10:26:45	85.0
10:16:45 - 10:16:55	88.1	10:21:45 - 10:21:55	87.1	10:26:45 - 10:26:55	85.9
10:16:55 - 10:17:05	88.0	10:21:55 - 10:22:05	87.0	10:26:55 - 10:27:05	86.7
10:17:05 - 10:17:15	87.2	10:22:05 - 10:22:15	87.0	10:27:05 - 10:27:15	87.1
10:17:15 - 10:17:25	86.7	10:22:15 - 10:22:25	87.0	10:27:15 - 10:27:25	87.2
10:17:25 - 10:17:35	87.1	10:22:25 - 10:22:35	87.0	10:27:25 - 10:27:35	87.5
10:17:35 - 10:17:45	87.0	10:22:35 - 10:22:45	87.0	10:27:35 - 10:27:45	87.9
10:17:45 - 10:17:55	87.0	10:22:45 - 10:22:55	86.7	10:27:45 - 10:27:55	88.2
10:17:55 - 10:18:05	86.9	10:22:55 - 10:23:05	86.7	10:27:55 - 10:28:05	88.6
10:18:05 - 10:18:15	86.7	10:23:05 - 10:23:15	86.7	10:28:05 - 10:28:15	88.9
10:18:15 - 10:18:25	86.7	10:23:15 - 10:23:25	86.6	10:28:15 - 10:28:25	88.9
10:18:25 - 10:18:35	86.8	10:23:25 - 10:23:35	86.6	10:28:25 - 10:28:35	89.2
10:18:35 - 10:18:45	86.9	10:23:35 - 10:23:45	86.6	10:28:35 - 10:28:45	89.3
10:18:45 - 10:18:55	86.8	10:23:45 - 10:23:55	86.6	10:28:45 - 10:28:55	89.1
10:18:55 - 10:19:05	86.7	10:23:55 - 10:24:05	86.6	10:28:55 - 10:29:05	89.2
10:19:05 - 10:19:15	86.8	10:24:05 - 10:24:15	86.7	10:29:05 - 10:29:15	89.3
10:19:15 - 10:19:25	86.8	10:24:15 - 10:24:25	86.7	10:29:15 - 10:29:25	89.4
10:19:25 - 10:19:35	86.8	10:24:25 - 10:24:35	86.7	10:29:25 - 10:29:35	89.5
10:19:35 - 10:19:45	86.7	10:24:35 - 10:24:45	86.6	10:29:35 - 10:29:45	89.8
10:19:45 - 10:19:55	86.8	10:24:45 - 10:24:55	86.5	10:29:45 - 10:29:55	90.0
10:19:55 - 10:20:05	86.8	10:24:55 - 10:25:05	86.7	10:29:55 - 10:30:05	90.2
10:20:05 - 10:20:15	86.7	10:25:05 - 10:25:15	86.6	10:30:05 - 10:30:15	90.4
10:20:15 - 10:20:25	86.8	10:25:15 - 10:25:25	86.6	10:30:15 - 10:30:25	90.5
10:20:25 - 10:20:35	86.9	10:25:25 - 10:25:35	86.7	10:30:25 - 10:30:35	90.5
10:20:35 - 10:20:45	87.0	10:25:35 - 10:25:45	86.8	10:30:35 - 10:30:45	90.6
10:20:45 - 10:20:55	87.0	10:25:45 - 10:25:55	86.7	10:30:45 - 10:30:55	90.7
10:20:55 - 10:21:05	86.9	10:25:55 - 10:26:05	86.4	10:30:55 - 10:31:05	90.9
Guaranteed Value*		95	dB(A)		



Report No. : 2018-00090 / 001-7 (Page 4 of 5)

Issued date : February 8, 2018

CLIENT : TOYO ENGINEERING CORPORATION
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Tel. 085-020-0134
Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level MEASUREMENT DATE : February 7, 2018
MEASUREMENT LOCATION : HRS12 HP&LP start up vent silencer, GNC MEASURED BY : Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cerus Research plc. Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
10:31:05 - 10:31:15	91.0	10:36:05 - 10:36:15	90.1	10:41:05 - 10:41:15	90.1
10:31:15 - 10:31:25	91.0	10:36:15 - 10:36:25	90.1	10:41:15 - 10:41:25	90.1
10:31:25 - 10:31:35	91.1	10:36:25 - 10:36:35	90.1	10:41:25 - 10:41:35	90.1
10:31:35 - 10:31:45	91.1	10:36:35 - 10:36:45	90.0	10:41:35 - 10:41:45	90.2
10:31:45 - 10:31:55	91.2	10:36:45 - 10:36:55	90.1	10:41:45 - 10:41:55	90.2
10:31:55 - 10:32:05	91.2	10:36:55 - 10:37:05	90.1	10:41:55 - 10:42:05	90.1
10:32:05 - 10:32:15	91.2	10:37:05 - 10:37:15	90.1	10:42:05 - 10:42:15	90.1
10:32:15 - 10:32:25	91.3	10:37:15 - 10:37:25	90.1	10:42:15 - 10:42:25	90.1
10:32:25 - 10:32:35	91.2	10:37:25 - 10:37:35	90.2	10:42:25 - 10:42:35	90.0
10:32:35 - 10:32:45	91.3	10:37:35 - 10:37:45	90.2	10:42:35 - 10:42:45	89.9
10:32:45 - 10:32:55	91.2	10:37:45 - 10:37:55	90.2	10:42:45 - 10:42:55	89.4
10:32:55 - 10:33:05	91.1	10:37:55 - 10:38:05	90.2	10:42:55 - 10:43:05	88.8
10:33:05 - 10:33:15	91.0	10:38:05 - 10:38:15	90.1	10:43:05 - 10:43:15	88.6
10:33:15 - 10:33:25	90.8	10:38:15 - 10:38:25	90.1	10:43:15 - 10:43:25	88.1
10:33:25 - 10:33:35	90.7	10:38:25 - 10:38:35	90.2	10:43:25 - 10:43:35	87.9
10:33:35 - 10:33:45	90.7	10:38:35 - 10:38:45	90.3	10:43:35 - 10:43:45	87.7
10:33:45 - 10:33:55	90.5	10:38:45 - 10:38:55	90.3	10:43:45 - 10:43:55	87.5
10:33:55 - 10:34:05	90.5	10:38:55 - 10:39:05	90.2	10:43:55 - 10:44:05	87.4
10:34:05 - 10:34:15	90.5	10:39:05 - 10:39:15	90.2	10:44:05 - 10:44:15	87.4
10:34:15 - 10:34:25	90.3	10:39:15 - 10:39:25	90.1	10:44:15 - 10:44:25	87.0
10:34:25 - 10:34:35	90.2	10:39:25 - 10:39:35	90.2	10:44:25 - 10:44:35	86.5
10:34:35 - 10:34:45	90.2	10:39:35 - 10:39:45	90.1	10:44:35 - 10:44:45	86.7
10:34:45 - 10:34:55	90.1	10:39:45 - 10:39:55	90.2	10:44:45 - 10:44:55	87.4
10:34:55 - 10:35:05	90.1	10:39:55 - 10:40:05	90.2	10:44:55 - 10:45:05	87.6
10:35:05 - 10:35:15	90.0	10:40:05 - 10:40:15	90.2	10:45:05 - 10:45:15	87.7
10:35:15 - 10:35:25	89.9	10:40:15 - 10:40:25	90.2	10:45:15 - 10:45:25	87.8
10:35:25 - 10:35:35	90.0	10:40:25 - 10:40:35	90.2	10:45:25 - 10:45:35	87.7
10:35:35 - 10:35:45	90.2	10:40:35 - 10:40:45	90.1	10:45:35 - 10:45:45	87.5
10:35:45 - 10:35:55	90.2	10:40:45 - 10:40:55	90.0	10:45:45 - 10:45:55	87.6
10:35:55 - 10:36:05	90.2	10:40:55 - 10:41:05	90.1	10:45:55 - 10:46:05	87.4
Guaranteed Value*		95	dB(A)		

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It is a condition of this certificate that the client shall not use the data for any purpose other than that for which it was provided. The Company is not responsible for the accuracy of the data provided by the client.

Environment, Health and Safety, 100 Nongnuch Road, Chomphonse, Yama, Bangkok 10170
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E 165735

E 165736

Report No. : 2018-00090 / 001-7 (Page 5 of 5)

Issued date : February 8, 2018

CLIENT : TOYO ENGINEERING CORPORATION
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 Tel. 085-020-0134 Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level **MEASUREMENT DATE :** February 7, 2018
MEASUREMENT LOCATION : HRSG12 HP&LP start up vent silencer, GNC **MEASURED BY :** Suriya Srithomee
CALIBRATION DATA : Calibrator Model CR:515, Cernus Research plc Serial No 81969
 Calibration Value Reference : 94.0 dB(A), Pre Cal : 93.7 dB(A), Post Cal : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

Noise Level [dB(A)] : February 7, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
10:46:05 - 10:46:15	87.3	10:50:35 - 10:50:45	79.8	10:55:05 - 10:55:15	79.4
10:46:15 - 10:46:25	87.1	10:50:45 - 10:50:55	81.5	10:55:15 - 10:55:25	79.4
10:46:25 - 10:46:35	86.9	10:50:55 - 10:51:05	82.9	10:55:25 - 10:55:35	79.6
10:46:35 - 10:46:45	86.9	10:51:05 - 10:51:15	80.0	10:55:35 - 10:55:45	80.2
10:46:45 - 10:46:55	86.5	10:51:15 - 10:51:25	83.3	10:55:45 - 10:55:55	78.7
10:46:55 - 10:47:05	86.9	10:51:25 - 10:51:35	80.4	10:55:55 - 10:56:05	77.9
10:47:05 - 10:47:15	86.8	10:51:35 - 10:51:45	80.7	10:56:05 - 10:56:15	78.0
10:47:15 - 10:47:25	86.9	10:51:45 - 10:51:55	82.0	10:56:15 - 10:56:25	77.9
10:47:25 - 10:47:35	86.7	10:51:55 - 10:52:05	79.9	10:56:25 - 10:56:35	77.9
10:47:35 - 10:47:45	86.6	10:52:05 - 10:52:15	79.9	10:56:35 - 10:56:45	78.0
10:47:45 - 10:47:55	86.5	10:52:15 - 10:52:25	79.6	10:56:45 - 10:56:55	78.2
10:47:55 - 10:48:05	86.4	10:52:25 - 10:52:35	78.7	10:56:55 - 10:57:05	78.2
10:48:05 - 10:48:15	86.2	10:52:35 - 10:52:45	79.7	10:57:05 - 10:57:15	78.5
10:48:15 - 10:48:25	86.0	10:52:45 - 10:52:55	79.6	10:57:15 - 10:57:25	78.4
10:48:25 - 10:48:35	85.9	10:52:55 - 10:53:05	79.7	10:57:25 - 10:57:35	78.3
10:48:35 - 10:48:45	85.8	10:53:05 - 10:53:15	79.7	10:57:35 - 10:57:45	78.4
10:48:45 - 10:48:55	85.5	10:53:15 - 10:53:25	79.7	10:57:45 - 10:57:55	78.3
10:48:55 - 10:49:05	85.2	10:53:25 - 10:53:35	79.6	10:57:55 - 10:58:05	78.1
10:49:05 - 10:49:15	85.0	10:53:35 - 10:53:45	79.7	10:58:05 - 10:58:15	78.7
10:49:15 - 10:49:25	84.5	10:53:45 - 10:53:55	79.8	10:58:15 - 10:58:25	78.4
10:49:25 - 10:49:35	84.1	10:53:55 - 10:54:05	79.8	10:58:25 - 10:58:35	78.3
10:49:35 - 10:49:45	83.8	10:54:05 - 10:54:15	79.7	10:58:35 - 10:58:45	78.2
10:49:45 - 10:49:55	83.7	10:54:15 - 10:54:25	79.7	10:58:45 - 10:58:55	78.5
10:49:55 - 10:50:05	83.6	10:54:25 - 10:54:35	79.8	10:58:55 - 10:59:05	78.4
10:50:05 - 10:50:15	83.6	10:54:35 - 10:54:45	79.8	10:59:05 - 10:59:15	78.4
10:50:15 - 10:50:25	80.8	10:54:45 - 10:54:55	79.7	10:59:15 - 10:59:25	78.5
10:50:25 - 10:50:35	79.6	10:54:55 - 10:55:05	78.5	10:59:25 - 10:59:35	78.6
Guaranteed Value*		95		dB(A)	

Source : * Guaranteed Value of GNC Power Plant.

Siriporn
 (Siriporn Imwilaiwan)
 Environmental Monitoring Manager



Thapson
 (Thapson Yommana)
 Technical Manager

TY/SS/AS/CJ

E 165737

Near field noise (95dBA)
 Turbine bypass valves



Report No. : 2018-00090 / 001-2 (Page 1 of 1)

Issued date : February 7, 2018

CLIENT : TOYO ENGINEERING CORPORATION
CONTACT : Mr. Osamu Yamasaki
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Rajchathewi, Bangkok 10400
Tel. 085-020-0134

Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRSG11 HP turbine bypass valve, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cerrus Research plc
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

MEASUREMENT DATE : February 6, 2018
MEASURED BY : Suriya Srithomee
Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)

Noise Level [dB(A)] : February 6, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
14:28:05 - 14:28:15	92.5	14:32:05 - 14:32:15	91.7	14:36:05 - 14:36:15	91.9
14:28:15 - 14:28:25	92.1	14:32:15 - 14:32:25	91.8	14:36:15 - 14:36:25	91.8
14:28:25 - 14:28:35	91.8	14:32:25 - 14:32:35	91.8	14:36:25 - 14:36:35	92.0
14:28:35 - 14:28:45	92.0	14:32:35 - 14:32:45	92.0	14:36:35 - 14:36:45	91.7
14:28:45 - 14:28:55	91.8	14:32:45 - 14:32:55	91.9	14:36:45 - 14:36:55	91.9
14:28:55 - 14:29:05	91.9	14:32:55 - 14:33:05	91.9	14:36:55 - 14:37:05	91.8
14:29:05 - 14:29:15	91.9	14:33:05 - 14:33:15	91.6	14:37:05 - 14:37:15	91.7
14:29:15 - 14:29:25	91.8	14:33:15 - 14:33:25	91.8	14:37:15 - 14:37:25	91.6
14:29:25 - 14:29:35	91.8	14:33:25 - 14:33:35	91.8	14:37:25 - 14:37:35	91.6
14:29:35 - 14:29:45	91.7	14:33:35 - 14:33:45	91.8	14:37:35 - 14:37:45	91.6
14:29:45 - 14:29:55	91.9	14:33:45 - 14:33:55	91.7	14:37:45 - 14:37:55	91.5
14:29:55 - 14:30:05	91.8	14:33:55 - 14:34:05	91.7	14:37:55 - 14:38:05	91.5
14:30:05 - 14:30:15	91.8	14:34:05 - 14:34:15	91.9	14:38:05 - 14:38:15	91.6
14:30:15 - 14:30:25	91.7	14:34:15 - 14:34:25	91.9	14:38:15 - 14:38:25	91.7
14:30:25 - 14:30:35	91.8	14:34:25 - 14:34:35	91.9	14:38:25 - 14:38:35	91.6
14:30:35 - 14:30:45	91.7	14:34:35 - 14:34:45	91.7	14:38:35 - 14:38:45	91.9
14:30:45 - 14:30:55	91.5	14:34:45 - 14:34:55	91.9	14:38:45 - 14:38:55	91.8
14:30:55 - 14:31:05	91.6	14:34:55 - 14:35:05	91.8	14:38:55 - 14:39:05	92.2
14:31:05 - 14:31:15	91.6	14:35:05 - 14:35:15	91.8	14:39:05 - 14:39:15	92.2
14:31:15 - 14:31:25	91.6	14:35:15 - 14:35:25	91.7	14:39:15 - 14:39:25	92.3
14:31:25 - 14:31:35	91.6	14:35:25 - 14:35:35	91.7	14:39:25 - 14:39:35	92.2
14:31:35 - 14:31:45	91.6	14:35:35 - 14:35:45	91.7	14:39:35 - 14:39:45	92.2
14:31:45 - 14:31:55	91.6	14:35:45 - 14:35:55	91.8	14:39:45 - 14:39:55	92.3
14:31:55 - 14:32:05	91.6	14:35:55 - 14:36:05	91.7	14:39:55 - 14:40:05	92.2
Guaranteed Value*		95	dB(A)		

Source : * Guaranteed Value of GNC Power Plant.

Siriporn
(Siriporn Imwilaiwan)
Environmental Monitoring Manager



Thapson
(Thapson Yommana)
Technical Manager

TY/SS/AS/CJ



Report No. : 2018-00090 / 001-3 (Page 1 of 1)

Issued date : February 7, 2018

CLIENT : TOYO ENGINEERING CORPORATION
CONTACT : Mr. Osamu Yamasaki
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Tel. 085-020-0134

Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRSG11 LP turbine bypass valve, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cerrus Research plc
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

MEASUREMENT DATE : February 6, 2018
MEASURED BY : Suriya Srithomee
Serial No. 81969
Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)

Noise Level [dB(A)] : February 6, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
14:40:05 - 14:40:15	92.1	14:41:15 - 14:41:25	92.2	14:42:25 - 14:42:35	92.0
14:40:15 - 14:40:25	92.2	14:41:25 - 14:41:35	92.1	14:42:35 - 14:42:45	92.1
14:40:25 - 14:40:35	92.1	14:41:35 - 14:41:45	91.9	14:42:45 - 14:42:55	92.0
14:40:35 - 14:40:45	92.2	14:41:45 - 14:41:55	91.9	14:42:55 - 14:43:05	92.0
14:40:45 - 14:40:55	92.1	14:41:55 - 14:42:05	91.8	14:43:05 - 14:43:15	91.9
14:40:55 - 14:41:05	92.2	14:42:05 - 14:42:15	92.0	14:43:15 - 14:43:25	91.9
14:41:05 - 14:41:15	92.1	14:42:15 - 14:42:25	92.0		
Guaranteed Value*		95	dB(A)		

Source : * Guaranteed Value of GNC Power Plant.

Siriporn
(Siriporn Imwilaiwan)
Environmental Monitoring Manager



Thapson
(Thapson Yommana)
Technical Manager

TY/SS/AS/CJ

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Report No. : 2018-00090 / 001-4 (Page 1 of 1)

Issued date : February 7, 2018

CLIENT : TOYO ENGINEERING CORPORATION
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ADDRESS : 1126/2 Vanit 2 Building 11th Floor, New Petchburi Road, Makkasan, Rajchathewi, Bangkok 10400
 Tel. 085-020-0134 Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRS12 HP turbine bypass valve, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cemus Research plc Serial No. 81969
 Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

MEASUREMENT DATE : February 6, 2018

MEASURED BY : Suriya Srithomee

Noise Level [dB(A)] : February 6, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
14:51:03 - 14:51:13	89.2	14:52:13 - 14:52:23	89.5	14:53:23 - 14:53:33	89.5
14:51:13 - 14:51:23	89.4	14:52:23 - 14:52:33	89.6	14:53:33 - 14:53:43	89.4
14:51:23 - 14:51:33	89.2	14:52:33 - 14:52:43	89.4	14:53:43 - 14:53:53	89.5
14:51:33 - 14:51:43	89.2	14:52:43 - 14:52:53	89.6	14:53:53 - 14:54:03	89.6
14:51:43 - 14:51:53	89.3	14:52:53 - 14:53:03	89.4	14:54:03 - 14:54:13	89.5
14:51:53 - 14:52:03	89.2	14:53:03 - 14:53:13	89.4	14:54:13 - 14:54:23	89.5
14:52:03 - 14:52:13	89.4	14:53:13 - 14:53:23	89.4	14:54:23 - 14:54:33	89.5
Guaranteed Value*		95	dB(A)		

Source : * Guaranteed Value of GNC Power Plant.

Siriporn
 (Siriporn Imwilaiwan)
 Environmental Monitoring Manager



Thapson
 (Thapson Yommana)
 Technical Manager

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Report No. : 2018-00090 / 001-5 (Page 1 of 1)

Issued date : February 7, 2018

CLIENT : TOYO ENGINEERING CORPORATION
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 Tel. 085-020-0134 Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level
MEASUREMENT LOCATION : HRS12 LP turbine bypass valve, GNC
CALIBRATION DATA : Calibrator Model CR:515, Cemus Research plc Serial No. 81969
 Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.7 dB(A), Post Cal. : 93.7 dB(A)
SOUND LEVEL METER NO. : Model CR:161B, Serial No. G080136

MEASUREMENT DATE : February 6, 2018

MEASURED BY : Suriya Srithomee

Noise Level [dB(A)] : February 6, 2018					
Time	Leq 10 sec	Time	Leq 10 sec	Time	Leq 10 sec
14:55:03 - 14:55:13	89.4	14:56:33 - 14:56:43	89.4	14:58:03 - 14:58:13	89.3
14:55:13 - 14:55:23	89.2	14:56:43 - 14:56:53	89.3	14:58:13 - 14:58:23	89.2
14:55:23 - 14:55:33	89.1	14:56:53 - 14:57:03	89.2	14:58:23 - 14:58:33	89.3
14:55:33 - 14:55:43	89.4	14:57:03 - 14:57:13	89.3	14:58:33 - 14:58:43	89.3
14:55:43 - 14:55:53	89.3	14:57:13 - 14:57:23	89.2	14:58:43 - 14:58:53	89.4
14:55:53 - 14:56:03	89.3	14:57:23 - 14:57:33	89.3	14:58:53 - 14:59:03	89.3
14:56:03 - 14:56:13	89.4	14:57:33 - 14:57:43	89.4	14:59:03 - 14:59:13	89.3
14:56:13 - 14:56:23	89.2	14:57:43 - 14:57:53	89.3		
14:56:23 - 14:56:33	89.4	14:57:53 - 14:58:03	89.3		
Guaranteed Value*		95	dB(A)		

Source : * Guaranteed Value of GNC Power Plant.

Siriporn
 (Siriporn Imwilaiwan)
 Environmental Monitoring Manager



Thapson
 (Thapson Yommana)
 Technical Manager

TY/SS/AS/Cj

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SGS (THAILAND) LIMITED

Near field noise (95dBA)
HRSG safety valve silencers

Measured Noise Data by 3rd party, SGS



Report No. : 2018-00090 / 001-1 (Page 1 of 1)

Issued date : February 6, 2018

CLIENT : TOYO ENGINEERING CORPORATION

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Tel. 085-020-0134

Email : osamu.yamasaki@toyo-eng.com

Analysis Report

SAMPLE DESIGNATED AS : Noise Level

MEASUREMENT DATE : February 6, 2018

MEASUREMENT LOCATION : HRSG Safety Valve, GNC

MEASURED BY : Suriya Srihomee

CALIBRATION DATA : Calibrator Model CR:515, Cirrus Research plc. Serial No. 81969

Calibration Value Reference : 94.0 dB(A), Pre Cal. : 93.9 dB(A), Post Cal. : 94.0 dB(A)

SOUND LEVEL METER NO. : Model NL-21, Serial No. 00596472

Equipment	Steam Pressure	Date	Time	Noise Level [dB(A)]
				Leq 2 sec
HRSG11 HP superheater safety valve silencer	62.7 barG	06/02/2018	13:40	91.4
HRSG11 HP drum safety valve silencer	65.1 barG	06/02/2018	13:27	88.8
HRSG11 LP superheater safety valve silencer	6.6 barG	06/02/2018	13:46	84.6
HRSG11 LP drum safety valve silencer	6.97 barG	06/02/2018	13:47	86.1
HRSG12 HP superheater safety valve silencer	62.7 barG	06/02/2018	14:05	85.6
HRSG12 HP drum safety valve silencer	65.2 barG	06/02/2018	14:01	88.5
HRSG12 LP superheater safety valve silencer	6.7 barG	06/02/2018	14:07	87.9
HRSG12 LP drum safety valve silencer	7.0 barG	06/02/2018	14:10	85.5
Guaranteed Value*				95

Source : * Guaranteed Value of GNC Power Plant.


(Siriporn Imwailaiwan)
Environmental Monitoring Manager




(Thepsorn Yommana)
Technical Manager

TY/SS/AS/CJ

Test Results Corrected by Toyo

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Model: 001-001-001

Test Results:
The below table summarize test results of HRS safety valve silencers noise. Noise were measured by 3rd party SGS at the indicated test pressure.
Measured noise reported by 3rd party SGS were corrected by applying correction factor in order to take into account influence of test pressure incorporating Owner's comment

Correction method:

The attachment 3 shows the correction curves which were created based on the noise calculation sheets of PSVs (see Attachment 1) and PSV silencers (see Attachment 2) in order to estimate the noise at PSV noise test at lower operating pressure than SPV popping pressure. Basis of the correction curves are as below;

- (1) Power level of noise at PSV outlet (PWL) is function of set pressure (Ps) and is varied corresponding to variation of Ps. PWL can be calculated according to the equation 1) - 7) in the PSV noise calculation sheet and weighting correction using Table-A provided by Fukui as shown in the Attachment 1
- (2) PWL at test condition can be estimated by entering operation pressure at test into Ps in the equations in the Attachment-1
- (3) The PWL can be converted to sound pressure level (SPL) by the equation 9) in the Attachment-1
- (4) This noise from PSV (= PWL) is reduced by the silencers as Attachment 2. The silencer is sized to achieve guarantee noise level of not exceeding 95dBA at 1m from silencer at design point (PSV popping at set pressure). The Attachment 2 also shows that silencer outlet noise is governed by the silencer inlet noise (= PSV outlet noise) and effect of flow noise is negligible. Therefore the sound pressure level (SPL) at 1 m from silencer outlet at test condition can be estimated by subtracting difference of PSV outlet noise between the one at PSV set pressure and test pressure from design noise level of 95 dBA at silencer outlet as shown in the Attachment 3
- (5) Correction curves are created by plotting estimated noise at various test pressure (x axis) and expected noise at each test pressure (y axis)

Based on the proposed correction curves, the noise test results will be judged as successful when measured noise [dBA] does not exceed expected noise [dBA] at test pressure

	PSV set barg	Test date (See SGS Report) yyyy/mm/dd	Test Press barg	Noise		Noise correction curve equation
				Measured dBA	Corrected dBA	
HRS G11						
HP drum	70.67	2018/2/6	65.1	88.8	90.7	$y = 5.92583E+00 \ln(x) + 6.97769E+01$
HP S/H	67.55	2018/2/6	62.7	91.4	92.8	$y = 4.30871E+00 \ln(x) + 7.68143E+01$
LP drum	8.27	2018/2/6	6.97	86.1	87.4	$y = 4.87262E+00 \ln(x) + 8.46530E+01$
LP S/H	7.4	2018/2/6	6.6	84.6	85.5	$y = 3.65039E+00 \ln(x) + 8.76884E+01$
HRS G12						
HP drum	70.67	2018/2/6	65.2	88.5	90.4	$y = 5.92583E+00 \ln(x) + 6.97769E+01$
HP S/H	67.55	2018/2/6	62.7	85.6	86.9	$y = 4.30871E+00 \ln(x) + 7.68143E+01$
LP drum	8.27	2018/2/6	7.0	85.5	86.8	$y = 4.87262E+00 \ln(x) + 8.46530E+01$
LP S/H	7.4	2018/2/6	6.7	87.9	88.7	$y = 3.65039E+00 \ln(x) + 8.76884E+01$

Noise Calculation Sheet 騒音計算書 (ISO4216-9 Annex F)				PLANT Gulf SPP3 B
				P.O. No. 150200-010
				JOB No. 150200
GENERAL 全欄		1 Item No. アイテム番号 2 Tag No. 弁番号 3 Fukui Use 1 福井 使用欄 1 4 Fukui Use 2 福井 使用欄 2 5 FUKUI Style 型式番号 6 Size サイズ		
DIMENSIONS 寸法		7 Throat Diameter のど部の径 dt 40.6 mm 8 Orifice Area 吹出し面積 A ₁ 12.946 cm ² 9 Outlet Diameter 出口の径 do 150 mm 10 Outlet Area 出口面積 A ₂ 176.714 cm ² 11 Fluid 流体名 STEAM 12 Mol. Wt. 分子量 M 18 13 Specific Heat Ratio 比熱比 k 1.25 14 Relieving Temp. 吹出温度 T 289.4 °C 15 562.4 K 16 Set Pressure 設定圧力 Ps 70.67 barG 17 7.067 MPaG 18 Allowable Over Press. 許容超過圧力 A _G 3 % 19 Atmos. Press. 大気圧 Pa 0.101 MPaA 20 Gas Constant ガス定数 R 8.314 J / (mol・K) 21 Relieving Pressure from (2) 吹出し量決定圧力 (2)式より P ₀ 7.38001 MPaA 22 Ratio Volume at Throat from (3) のど部の比容積 (3)式より V ₁ 0.0352 m ³ /kg 23 Pressure at Outlet from (4) 出口圧力 (4)式より P ₂ 0.3 MPaA 24 Ratio Volume at Outlet from (5) 出口部比容積 (5)式より V ₂ 0.4563 m ³ /kg 25 Speed at Throat from (6) のど部流体速度 (6)式より U 570 m/s 26 Power Level at Valve from (1) 音響出力*1 (1)式より PWL ₁ 144 dB 27 Center Frequency from (7) 中心周波数(7)式より f 760 Hz 28 Surface Density 二次側配管材の面密度 *2 m 55.7 kg/m ² 29 Power Level from Table (A) 音響出力 (A)表より PWL 142 dBA 30 Sound Pressure Level from (9) 音圧レベル (9)式より SPL 135 dBA		
CALCULATION 計算式		31 $PWL_1 = 20 \log \frac{dt}{1000} - 10 \log y_1 + 80 \log U - 53$ (1) 32 $P_0 = P_s \left(1 + \frac{A_c}{100} \right) + P_a$ (2) 33 $v_1 = \frac{RT}{1000 \times MP_0}$ (3) 34 $P_2 = \left(\frac{2}{\kappa + 1} \right)^{\frac{\kappa}{\kappa - 1}} \frac{A_1}{A_2} P_0$ (4) 35 $v_2 = \left(\frac{P_0}{P_2} \right)^{\frac{1}{\kappa}} v_1$ (5) 36 $SPL = PWL - 10 \log (2\pi r^2)$ (9) 37 $r = 1m$ (from Outlet)		
REMARKS 記号		*1: Power level generated from valve outlet to outlet pipe internal / 安全弁から二次側配管内に発生する音響出力 *2: Calculation is outlet pipe Sch40 (Steel Pipe) basis / 二次側配管サイズはSch40(鋼管)とする。		
		(A) Octave band / オクターブバンド Hz 63 125 250 500 1000 2000 4000 8000 OA PWL ₁ dB 134 134 135 135 136 135 134 132 144 A Weighting / A特性補正 dB -26 -16 -9 -3 0 1 1 -1 - Transmission Loss / 透過損失 TL(8) dB 0 0 0 0 0 0 0 0 - PWL dBA 108 118 126 132 136 136 135 131 142		

Noise Calculation Sheet				PLANT	Gulf SPP3 B																																																							
騒音計算書 (ISO4216-9 Annex F)				P.O. No.	150200-010																																																							
				JOB No.	150200																																																							
GENERAL 全項目	1 Item No.	アイテム番号																																																										
	2 Tag No.	弁番号		11/12LBA10AA401																																																								
	3 Fukui Use 1	福井 使用欄 1		15L-032A-C/0																																																								
	4 Fukui Use 2	福井 使用欄 2		20150 2251,2258,2265-1-2																																																								
	5 FUKUI Style	型式番号		SL651-C2-M2(T)																																																								
DIMENSIONS 寸法	6 Size	サイズ		2*H*3																																																								
	7 Throat Diameter	のど部の径	dt	26.6 mm																																																								
	8 Orifice Area	吹出し面積	A ₁	5.557 cm ²																																																								
	9 Outlet Diameter	出口の径	do	80 mm																																																								
	10 Outlet Area	出口面積	A ₂	50.265 cm ²																																																								
CONDITIONS 仕様	11 Fluid	流体名		STEAM																																																								
	12 Mol. Wt.	分子量	M	18																																																								
	13 Specific Heat Ratio	比熱比	k	1.28																																																								
	14 Relieving Temp.	吹出温度	T	472 °C																																																								
				745 K																																																								
	16 Set Pressure	設定圧力	Ps	67.55 barG																																																								
				6.755 MPaG																																																								
	18 Allowable Over Press.	許容超過圧力	Ac	3 %																																																								
	19 Atmos. Press.	大気圧	Pa	0.101 MPaA																																																								
	20 Gas Constant	ガス定数	R	8.314 J / (mol·K)																																																								
	21 Relieving Pressure from (2)	吹出し量決定圧力 (2)式より	P ₀	7.05865 MPaA																																																								
	22 Ratio Volume at Throat from (3)	のど部の比容積 (3)式より	V ₁	0.04875 m ³ /kg																																																								
	23 Pressure at Outlet from (4)	出口圧力 (4)式より	P ₂	0.4287 MPaA																																																								
	24 Ratio Volume at Outlet from (5)	出口部比容積 (5)式より	V ₂	0.4349 m ³ /kg																																																								
	25 Speed at Throat from (6)	のど部流体速度 (6)式より	U	664 m/s																																																								
26 Power Level at Valve from (1)	音響出力*1 (1)式より	PWL ₁	145 dB																																																									
27 Center Frequency from (7)	中心周波数 (7)式より	f	1660 Hz																																																									
28 Surface Density	二次側配管材の面密度 *2	m	43.2 kg/m ²																																																									
29 Power Level from Table (A)	音響出力 (A)表より	PWL	144 dBA																																																									
30 Sound Pressure Level from (9)	音圧レベル (9)式より	SPL	137 dBA																																																									
CALCULATION 計算式	$PWL_1 = 20 \log \frac{dt}{1000} - 10 \log v_2 + 80 \log U - 53 \quad (1) \quad U = \sqrt{\frac{1000 \kappa R T}{M}} \quad (6)$																																																											
	$P_0 = P_s \left(1 + \frac{Ac}{100} \right) + P_a \quad (2) \quad f = \frac{0.2U}{do} \times 1000 \quad (7)$																																																											
	$v_1 = \frac{RT}{1000 \times MP_0} \quad (3) \quad TL = 18 \log (m \times f) - 44 \quad (8)$																																																											
	$P_2 = \left(\frac{2}{\kappa + 1} \right)^{\frac{\kappa}{\kappa - 1}} \frac{A_1}{A_2} P_0 \quad (4)$																																																											
	$v_2 = \left(\frac{P_0}{P_2} \right)^{\frac{1}{\kappa}} v_1 \quad (5) \quad SPL = PWL - 10 \log (2 \pi r^2) \quad (9)$																																																											
	r = 1m (from Outlet)																																																											
<p>*1: Power level generated from valve outlet to outlet pipe internal / 安全弁から二次側配管内に発生する音響出力</p> <p>*2: Calculation is outlet pipe Sch40 (Steel Pipe) basis / 二次側配管サイズはSch40(鋼管)とする。</p>																																																												
<table border="1"> <thead> <tr> <th>Octave band / オクターブバンド</th> <th>Hz</th> <th>63</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> <th>8000</th> <th>OA</th> </tr> </thead> <tbody> <tr> <td>PWL₁</td> <td>dB</td> <td>134</td> <td>135</td> <td>135</td> <td>136</td> <td>136</td> <td>137</td> <td>136</td> <td>135</td> <td>145</td> </tr> <tr> <td>A Weighting / A特性補正</td> <td>dB</td> <td>-26</td> <td>-16</td> <td>-9</td> <td>-3</td> <td>0</td> <td>1</td> <td>1</td> <td>-1</td> <td>-</td> </tr> <tr> <td>Transmission Loss / 透過損失 TL(8)</td> <td>dB</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td>PWL</td> <td>dBA</td> <td>108</td> <td>119</td> <td>126</td> <td>133</td> <td>136</td> <td>138</td> <td>137</td> <td>134</td> <td>144</td> </tr> </tbody> </table>						Octave band / オクターブバンド	Hz	63	125	250	500	1000	2000	4000	8000	OA	PWL ₁	dB	134	135	135	136	136	137	136	135	145	A Weighting / A特性補正	dB	-26	-16	-9	-3	0	1	1	-1	-	Transmission Loss / 透過損失 TL(8)	dB	0	0	0	0	0	0	0	0	-	PWL	dBA	108	119	126	133	136	138	137	134	144
Octave band / オクターブバンド	Hz	63	125	250	500	1000	2000	4000	8000	OA																																																		
PWL ₁	dB	134	135	135	136	136	137	136	135	145																																																		
A Weighting / A特性補正	dB	-26	-16	-9	-3	0	1	1	-1	-																																																		
Transmission Loss / 透過損失 TL(8)	dB	0	0	0	0	0	0	0	0	-																																																		
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Noise Calculation Sheet				PLANT	Gulf SPP3 B																																																							
騒音計算書 (ISO4216-9 Annex F)				P.O. No.	150200-010																																																							
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	4 Fukui Use 2	福井 使用欄 2		20150 2253,2260,2267-1-2																																																								
	5 FUKUI Style	型式番号		SL231(T)																																																								
DIMENSIONS 寸法	6 Size	サイズ		4*P*6																																																								
	7 Throat Diameter	のど部の径	dt	75.7 mm																																																								
	8 Orifice Area	吹出し面積	A ₁	45.007 cm ²																																																								
	9 Outlet Diameter	出口の径	do	150 mm																																																								
	10 Outlet Area	出口面積	A ₂	176.714 cm ²																																																								
CONDITIONS 仕様	11 Fluid	流体名		STEAM																																																								
	12 Mol. Wt.	分子量	M	18																																																								
	13 Specific Heat Ratio	比熱比	k	1.29																																																								
	14 Relieving Temp.	吹出温度	T	177.8 °C																																																								
				450.8 K																																																								
	16 Set Pressure	設定圧力	Ps	8.27 barG																																																								
				0.827 MPaG																																																								
	18 Allowable Over Press.	許容超過圧力	Ac	3 %																																																								
	19 Atmos. Press.	大気圧	Pa	0.101 MPaA																																																								
	20 Gas Constant	ガス定数	R	8.314 J / (mol·K)																																																								
	21 Relieving Pressure from (2)	吹出し量決定圧力 (2)式より	P ₀	0.95281 MPaA																																																								
	22 Ratio Volume at Throat from (3)	のど部の比容積 (3)式より	V ₁	0.21853 m ³ /kg																																																								
	23 Pressure at Outlet from (4)	出口圧力 (4)式より	P ₂	0.1329 MPaA																																																								
	24 Ratio Volume at Outlet from (5)	出口部比容積 (5)式より	V ₂	1.0062 m ³ /kg																																																								
	25 Speed at Throat from (6)	のど部流体速度 (6)式より	U	518 m/s																																																								
26 Power Level at Valve from (1)	音響出力*1 (1)式より	PWL ₁	142 dB																																																									
27 Center Frequency from (7)	中心周波数 (7)式より	f	691 Hz																																																									
28 Surface Density	二次側配管材の面密度 *2	m	55.7 kg/m ²																																																									
29 Power Level from Table (A)	音響出力 (A)表より	PWL	140 dBA																																																									
30 Sound Pressure Level from (9)	音圧レベル (9)式より	SPL	133 dBA																																																									
CALCULATION 計算式	$PWL_1 = 20 \log \frac{dt}{1000} - 10 \log v_2 + 80 \log U - 53 \quad (1) \quad U = \sqrt{\frac{1000 \kappa R T}{M}} \quad (6)$																																																											
	$P_0 = P_s \left(1 + \frac{Ac}{100} \right) + P_a \quad (2) \quad f = \frac{0.2U}{do} \times 1000 \quad (7)$																																																											
	$v_1 = \frac{RT}{1000 \times MP_0} \quad (3) \quad TL = 18 \log (m \times f) - 44 \quad (8)$																																																											
	$P_2 = \left(\frac{2}{\kappa + 1} \right)^{\frac{\kappa}{\kappa - 1}} \frac{A_1}{A_2} P_0 \quad (4)$																																																											
	$v_2 = \left(\frac{P_0}{P_2} \right)^{\frac{1}{\kappa}} v_1 \quad (5) \quad SPL = PWL - 10 \log (2 \pi r^2) \quad (9)$																																																											
	r = 1m (from Outlet)																																																											
<p>*1: Power level generated from valve outlet to outlet pipe internal / 安全弁から二次側配管内に発生する音響出力</p> <p>*2: Calculation is outlet pipe Sch40 (Steel Pipe) basis / 二次側配管サイズはSch40(鋼管)とする。</p>																																																												
<table border="1"> <thead> <tr> <th>Octave band / オクターブバンド</th> <th>Hz</th> <th>63</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> <th>8000</th> <th>OA</th> </tr> </thead> <tbody> <tr> <td>PWL₁</td> <td>dB</td> <td>133</td> <td>134</td> <td>134</td> <td>135</td> <td>134</td> <td>133</td> <td>131</td> <td>130</td> <td>142</td> </tr> <tr> <td>A Weighting / A特性補正</td> <td>dB</td> <td>-26</td> <td>-16</td> <td>-9</td> <td>-3</td> <td>0</td> <td>1</td> <td>1</td> <td>-1</td> <td>-</td> </tr> <tr> <td>Transmission Loss / 透過損失 TL(8)</td> <td>dB</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td>PWL</td> <td>dBA</td> <td>107</td> <td>118</td> <td>125</td> <td>132</td> <td>134</td> <td>134</td> <td>132</td> <td>129</td> <td>140</td> </tr> </tbody> </table>						Octave band / オクターブバンド	Hz	63	125	250	500	1000	2000	4000	8000	OA	PWL ₁	dB	133	134	134	135	134	133	131	130	142	A Weighting / A特性補正	dB	-26	-16	-9	-3	0	1	1	-1	-	Transmission Loss / 透過損失 TL(8)	dB	0	0	0	0	0	0	0	0	-	PWL	dBA	107	118	125	132	134	134	132	129	140
Octave band / オクターブバンド	Hz	63	125	250	500	1000	2000	4000	8000	OA																																																		
PWL ₁	dB	133	134	134	135	134	133	131	130	142																																																		
A Weighting / A特性補正	dB	-26	-16	-9	-3	0	1	1	-1	-																																																		
Transmission Loss / 透過損失 TL(8)	dB	0	0	0	0	0	0	0	0	-																																																		
PWL	dBA	107	118	125	132	134	134	132	129	140																																																		


Noise Calculation Sheet				PLANT	Gulf SPP3 B
騒音計算書 (ISO4216-9 Annex F)				P.O. No.	150200-010
				JOB No.	150200
GENERAL 全般的	1 Item No.	アイテム番号			
	2 Tag No.	弁番号		11/12LBA50AA401	
	3 Fukui Use 1	福井 使用欄 1		15L-032A-C/O	
	4 Fukui Use 2	福井 使用欄 2		2015O 2254,2261,2268-1-2	
	5 FUKUI Style	型式番号		SL231(T)	
DIMENSIONS 寸法	6 Size	サイズ		3*K*4	
	7 Throat Diameter	のど部の径	dt	40.6 mm	
	8 Orifice Area	吹出し面積	A ₁	12.946 cm ²	
	9 Outlet Diameter	出口の径	do	100 mm	
	10 Outlet Area	出口面積	A ₂	78.54 cm ²	
CONSTANTS 定数	11 Fluid	流体名		STEAM	
	12 Mol. Wt.	分子量	M	18	
	13 Specific Heat Ratio	比熱比	k	1.3	
	14 Relieving Temp.	吹出温度	T	253 °C 526 K	
	15 Set Pressure	設定圧力	P _s	7.4 barG 0.74 MPaG	
	16 Allowable Over Press.	許容超過圧力	A _c	3 %	
	17 Atmos. Press.	大気圧	P _a	0.101 MPaA	
	18 Gas Constant	ガス定数	R	8.314 J / (mol·K)	
	19 Relieving Pressure from (2)	吹出し量決定圧力 (2)式より	P ₀	0.8632 MPaA	
	20 Ratio Volume at Throat from (3)	のど部の比容積 (3)式より	V ₁	0.28146 m ³ /kg	
	21 Pressure at Outlet from (4)	出口圧力 (4)式より	P ₂	0.0776 MPaA	
	22 Ratio Volume at Outlet from (5)	出口部比容積 (5)式より	V ₂	1.7957 m ³ /kg	
	23 Speed at Throat from (6)	のど部流体速度 (6)式より	U	562 m/s	
	24 Power Level at Valve from (1)	音響出力*1 (1)式より	PWL ₁	137 dB	
	CALCULATION 計算式	25 Center Frequency from (7)	中心周波数 (7)式より	f	1124 Hz
26 Surface Density		二次側配管材の面密度 *2	m	47.1 kg/m ²	
27 Power Level from Table (A)		音響出力 (A)表より	PWL	135 dBA	
28 Sound Pressure Level from (9)		音圧レベル (9)式より	SPL	128 dBA	
29					
30					
31					
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59					
60					

*1: Power level generated from valve outlet to outlet pipe internal / 安全弁から二次側配管内に発生する音響出力

*2: Calculation is outlet pipe Sch40 (Steel Pipe) basis / 二次側配管サイズはSch40(鋼管)とする。

Octave band / オクターブバンド	Hz	63	125	250	500	1000	2000	4000	8000	OA
PWL ₁	dB	127	127	128	128	129	128	127	125	137
A Weighting / A特性補正	dB	-26	-16	-9	-3	0	1	1	-1	-
Transmission Loss/透過損失 TL(8)	dB	0	0	0	0	0	0	0	0	-
PWL	dBA	101	111	119	125	129	129	128	124	135

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Page 1 of 1

Transmittal

ATA Project	P15419	Transmittal No.	011215_DS	Date	01Dec15
Prepared by	Mike Barrett			Distribution	Function
To	Nooter Eriksen	PO 150200-020	Gulf SPP3 B		
Attention	Rachel Holmes	Fax			
Address		Tel			
Zip code		City			

Document or drawing No	Rev.	Description	Status code	format
P15419-65-1010	1	Data Sheets 11/12HAD10BS201	1	.pdf
P15419-65-1020	1	Data Sheets 11/12LBA10BS201	1	.pdf
P15419-65-1030	1	Data Sheets 10LAA30BS201	1	.pdf
P15419-65-1040	1	Data Sheets 11/12HAD50BS201	1	.pdf
P15419-65-1050	1	Data Sheets 11/12LBA50BS201	1	.pdf
P15419-65-1060	1	Data Sheets 11/12LCQ70BS201	1	.pdf
P15419-65-1070	1	Data Sheets 11/12LBH10BS001	1	.pdf
P15419-65-1080	1	Data Sheets 11/12LBH65BS001	1	.pdf

Status code			
1 For approval	4 For information	7 final	
2 For production	5 As requested		
3 For construction	6 revision		

Remarks

When receiving revised drawings, all previous versions of these drawings are expired. Please make sure that the previous versions of these drawings are marked obsolete or destroyed
Return a completed and signed copy of this transmittal to Aarding Thermal Acoustics USA by e-mail or fax

Received on.	Ref.	Signature
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Attachment 2

NOISE CALCULATION STEAM VENT SILENCER

Date:

Project:

Item:

Revision:

25/Nov/15

P15419 - Gulf SPP3 B - NE-PO: 150200-020

1 - 11 / 12HAD10BS201

1

Freq.Hz	31	63	125	250	500	1000	2000	4000	8000	dBA
Lw core 1 inlet	117	120	124	129	136	141	146	147	147	152
Diffuser Element 1	0	8	18	21	28	34	37	33	30	
Lw core 1 silenced	117	112	108	108	108	107	108	114	117	119
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	0
Lw core 2 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	0
Lw core 3 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	0
Total Silenced Cores	117	112	108	108	108	107	108	114	117	119 **
Casing (=Dir 90°)	2	2	3	5	6	8	9	10	11	
Splitter Package	0	0	0	0	0	0	0	0	0	0
Total Lw no flow noise	115	110	105	103	102	99	99	104	106	109
Flow noise*	70	70	70	70	66	61	56	52	47	67
Lw ir	115	110	105	103	102	99	99	104	106	109
Lw - Lp @ 1 m	15	15	15	15	15	15	15	15	15	
Expected Lp @ 1 m / 90°	99	94	89	87	86	83	83	88	90	94

ø Casing 49.7 [Inch] 1,262 [mm]

Flow 107,855 [lb/hr] 48,922 [kg/hr]

Temp 549 [°F] 287 [°C]

Lw max* 151.7 [dB]

Lw core1 151.7 [dB]

0.0 [dB]

[dB]

**Core with the highest reduction

Velocity casing 68 [ft/s] 20.67 [m/s]

Open area casing 4.10 [ft²] 1.25 [m²]

Temp in casing 322 [°F] 147 [°C]

Flow Noise* 75 [dB]

Required Lp @ 1 m / 90° 95.0 dBA

**In case of combined Flows*

"These acoustic calculations are based on actual venting noise of the silencer discharge with no inclusion of silencer upstream pipe radiated noise or any and all other noise sources within the measurement vicinity that may increase our acoustic prediction results due to measurement locations."



Attachment 2

NOISE CALCULATION STEAM VENT SILENCER

Date:
Project:
Item:
Revision:

25/Nov/15

P15419 - Gulf SPP3 B - NE-PO: 150200-020

4 - 11 / 12HAD50BS201

1

Freq.Hz	31	63	125	250	500	1000	2000	4000	8000	dBA
Lw core 1 Inlet	106	109	113	118	125	130	134	136	136	141
Diffuser Element 1	0	8	14	20	28	32	31	27	22	
Lw core 1 silenced	106	103	99	98	97	98	103	109	114	115
	0	0	0	0	0	0	0	0	0	7
Lw core 2 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
Lw core 3 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
Total Silenced Cores	106	103	99	98	97	98	103	109	114	115 **
Casing (=Dir 90°)	2	2	3	5	6	8	9	10	11	
Splitter Package	0	0	0	0	0	0	0	0	0	
Total Lw no flow noise	104	101	96	93	91	90	94	99	103	105
Flow noise*	61	61	61	60	55	51	46	41	37	57
Lw Ir	104	101	96	93	91	90	94	99	103	105
Lw - Lp @ 1 m	14	14	14	14	14	14	14	14	14	
Expected Lp @ 1 m / 90°	90	87	82	79	77	76	80	85	89	90
Required Lp @ 1 m / 90° 95.0 dBA										

ø Casing

Flow

Temp

Lw max*

38.2 [Inch]

48,404 [lb/hr]

350 [°F]

970 [mm]

21,956 [kg/hr]

177 [°C]

141.0 [dB]

Lw core1

141.0 [dB]

0.0 [dB]

[dB]

**Core with the highest reduction

Velocity casing

Open area casing

Temp in casing

Flow Noise*

52 [ft/s]

2.42 [ft²]

326 [°F]

15.78 [m/s]

0.74 [m²]

149 [°C]

66 [dB]

*In case of combined Flows

"These acoustic calculations are based on actual venting noise of the silencer discharge with no inclusion of silencer upstream pipe radiated noise or any and all other noise sources within the measurement vicinity that may increase our acoustic prediction results due to measurement locations."



Attachment 2

NOISE CALCULATION STEAM VENT SILENCER

Date:	25/Nov/15
Project:	P15419 - Gulf SPP3 B - NE-PO; 150200-020
Item:	2 - 11 / 12LBA10BS201
Revision:	1

Freq.Hz 31 63 125 250 500 1000 2000 4000 8000 dBA

Lw core 1 Inlet	115	118	122	127	134	139	143	145	145	150
Diffuser Element 1	0	5	16	21	28	34	37	33	30	
Lw core 1 silenced	115	110	106	106	106	105	106	112	115	117

	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7

Lw core 2 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7

Lw core 3 silenced	0	0	0	0	0	0	0	0	0	7
--------------------	---	---	---	---	---	---	---	---	---	---

Total Silenced Cores	115	110	106	106	106	105	106	112	115	117 **
Casing (=Dir 90°)	2	2	3	5	6	8	9	10	11	
Splitter Package	0	0	0	0	0	0	0	0	0	

Total Lw no flow noise	113	108	103	101	100	97	97	102	104	107
Flow noise*	51	51	51	47	42	38	33	28	24	44

Lw Ir	113	108	103	101	100	97	97	102	104	107
Lw - Lp @ 1 m	15	15	15	15	15	15	15	15	15	

Expected Lp @ 1 m / 90°	97	92	87	85	84	81	81	86	88	92
-------------------------	----	----	----	----	----	----	----	----	----	----

Required Lp @ 1 m / 90° 95.0 dBA

ø Casing	49.7 [Inch]	1,262 [mm]
Flow	35,617 [lb/hr]	16,156 [kg/hr]
Temp	882 [°F]	472 [°C]
Lw max*		149.7 [dB]

Lw core1	149.7 [dB]
	0.0 [dB]
	[dB]

**Core with the highest reduction

Velocity casing	38 [ft/s]	11.54 [m/s]
Open area casing	4.10 [ft²]	1.25 [m²]
Temp In casing	835 [°F]	432 [°C]
Flow Noise*		56 [dB]

*In case of combined Flows

σ Casing	49.7 [Inch]	1,262 [mm]
Flow	35,617 [lb/hr]	16,156 [kg/hr]
Temp	882 [°F]	472 [°C]
Lw max*		149.7 [dB]
Lw core1		149.7 [dB]
		0.0 [dB]
		[dB]
**Core with the highest reduction		
Velocity casing	38 [ft/s]	11.54 [m/s]
Open area casing	4.10 [ft²]	1.25 [m²]
Temp in casing	835 [°F]	432 [°C]
Flow Noise*		56 [dB]

*In case of combined Flows

"These acoustic calculations are based on actual venting noise of the silencer discharge with no inclusion of silencer upstream pipe radiated noise or any and all other noise sources within the measurement vicinity that may increase our acoustic prediction results due to measurement locations."



Attachment 2

NOISE CALCULATION STEAM VENT SILENCER

Date:25/Nov/15

Project:P15419 - Gulf SPP3 B - NE-PO: 150200-020

Item:5 - 11 / 12LBA50BS201

Revision:1

Freq.Hz	31	63	125	250	500	1000	2000	4000	8000	dBA
Lw core 1 Inlet	99	102	106	111	118	123	127	129	129	134
Diffuser Element 1	0	8	13	18	27	29	28	25	21	
Lw core 1 silenced	99	94	93	93	91	94	99	104	108	110
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
Lw core 2 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
Lw core 3 silenced	0	0	0	0	0	0	0	0	0	7
	0	0	0	0	0	0	0	0	0	7
Total Silenced Cores	99	94	93	93	91	94	99	104	108	110 **
Casing (=Dir 90°)	2	2	3	5	6	8	9	10	11	
Splitter Package	0	0	0	0	0	0	0	0	0	
Total Lw no flow noise	97	92	90	88	85	86	90	94	97	100
Flow noise*	30	30	25	20	16	11	6	2	-3	18
Lw Ir	97	92	90	88	85	86	90	94	97	100
Lw - Lp @ 1 m	14	14	14	14	14	14	14	14	14	
Expected Lp @ 1 m / 90°	83	78	76	74	71	72	76	80	83	85

Required Lp @ 1 m / 90° 95.0 dBA

ø Casing	38.2 [Inch]	970 [mm]
Flow	11,947 [lb/hr]	5,419 [kg/hr]
Temp	487 [°F]	253 [°C]
Lw max*		134.1 [dB]
Lw core1		134.1 [dB]
		0.0 [dB]
		[dB]

**Core with the highest reduction

Velocity casing	16 [ft/s]	4.76 [m/s]
Open area casing	2.42 [ft²]	0.74 [m²]
Temp in casing	490 [°F]	240 [°C]
Flow Noise*		35 [dB]

*In case of combined Flows

σ Casing	38.2 [Inch]	970 [mm]
Flow	11,947 [lb/hr]	5,419 [kg/hr]
Temp	487 [°F]	253 [°C]
Lw max*		134.1 [dB]
Lw core1		134.1 [dB]
		0.0 [dB]
		[dB]
**Core with the highest reduction		
Velocity casing	16 [ft/s]	4.76 [m/s]
Open area casing	2.42 [ft²]	0.74 [m²]
Temp in casing	490 [°F]	240 [°C]
Flow Noise*		35 [dB]

*In case of combined Flows

"These acoustic calculations are based on actual venting noise of the silencer discharge with no inclusion of silencer upstream pipe radiated noise or any and all other noise sources within the measurement vicinity that may increase our acoustic prediction results due to measurement locations."



Attachment 3

HRSG PSV Silencer Noise Test for GNC, GNRV1 and GNRV2 (LM6000 sites)

GNC					
PSV set	Test date	Test Pmax	Tmax		Noise correction curve equation
			Measured	Corrected	
tag	yyy/mm/dd	tag	dBA	dBA	
HPSE011					
HP drum	70.87	80.0	90.0	90.8	$90.8 = 5.9056E + 00(mv) + 6.87769E + 01$
HP S-H	67.55	60.0	90.0	90.5	$90.5 = 4.30871E + 00(mv) + 7.68143E + 01$
LP drum	8.37	7.0	90.0	90.8	$90.8 = 4.87262E + 00(mv) + 6.46530E + 01$
LP S-H	7.4	6.0	90.0	90.7	$90.7 = 3.85038E + 00(mv) + 6.76584E + 01$
HPSE012					
HP drum	70.67	80.0	90.0	90.8	$90.8 = 5.9056E + 00(mv) + 6.87769E + 01$
HP S-H	67.55	60.0	90.0	90.5	$90.5 = 4.30871E + 00(mv) + 7.68143E + 01$
LP drum	8.37	7.0	90.0	90.8	$90.8 = 4.87262E + 00(mv) + 6.46530E + 01$
LP S-H	7.4	6.0	90.0	90.7	$90.7 = 3.85038E + 00(mv) + 6.76584E + 01$

By Fuku
Original message from Fuku (Japanese)
1) 中心周波数及びUTRBAEにより周波数帯に別ける補正値を求める
2) 500Hzの場合、中心周波数761Hzの10*log(10) + 10*(P4/10) + 10*(P5/10) + 10*(P6/10) + 10*(P7/10) + 10*(P8/10) + (1式)
3) 10*log(10*(P1/10) + 10*(P2/10) + 10*(P3/10) + 10*(P4/10) + 10*(P5/10) + 10*(P6/10) + 10*(P7/10) + 10*(P8/10) + (2式)
4) (1式)がPWLと同等になるように各周波数でのPを求めます。(PからP8は各周波数でのPWL) 下表参照
5) 800Hzの場合、中心は1000Hzとなる(1000Hzで補正値)のでP5を算出したPWL1を初期値として146、143、142、と1づつ減らしていき(1式)が最もPWL1に近い値となるP5を決定します。(P5以外のPはP5+P1で求めます。(例P1=P5+P1))
6) PWL=A weighting+Transmission loss+111各周波数でのPWLを求めます。
7) (1式)(2式)に各周波数でのPWLを代入することによってPWLが求まります。

English translation
1) Calculate center frequency per equation 7 on the PSV noise calculation sheet and obtain A weighting correction from the table B below
2) In case P=800Hz center frequency is 761 Hz. Therefore use A weighting correction for 770Hz<f<1400Hz as per table B
3) 10*log(10*(P1/10) + 10*(P2/10) + 10*(P3/10) + 10*(P4/10) + 10*(P5/10) + 10*(P6/10) + 10*(P7/10) + 10*(P8/10) + (Equation 1)
4) Determine all of P1 to be overall PWL1 per equation 1 above and overall PWL1 per PSV noise calculation sheet is equal
5) In case P=800Hz, center frequency is 1000Hz. Therefore A weighting correction at P5 is zero. The other P1 can be automatically calculated from the above table B
A quiet figure of P5 manually in order for overall PWL1 per noise calculation sheet equals to PWL1 per above equation 1
6) Obtain PWL = PWL1+A weighting+Transmission loss
7) By entering PWL for each frequency in the above equation 1, Overall PWL (after corrections)

TABLE B									
Center frequency	Hz	80	125	250	500	1000	2000	4000	8000
80Hz	P	-	-5	-1.2	-2.4	-3.6	-4.8	-6	-7.2
125Hz	P	-2.4	-	-1.2	-2.4	-3.6	-4.8	-6	-7.2
160Hz	P	-3.6	-2.4	-	-1.2	-2.4	-3.6	-4.8	-6
200Hz	P	-4.8	-3.6	-2.4	-	-1.2	-2.4	-3.6	-4.8
250Hz	P	-6	-4.8	-3.6	-2.4	-	-1.2	-2.4	-3.6
315Hz	P	-7.2	-6	-4.8	-3.6	-2.4	-	-1.2	-2.4
400Hz	P	-8.4	-7.2	-6	-4.8	-3.6	-2.4	-	-1.2
500Hz	P	-9.6	-8.4	-7.2	-6	-4.8	-3.6	-2.4	-
630Hz	P	-10.8	-9.6	-8.4	-7.2	-6	-4.8	-3.6	-2.4
800Hz	P	-12	-10.8	-9.6	-8.4	-7.2	-6	-4.8	-3.6
1000Hz	P	-13.2	-12	-10.8	-9.6	-8.4	-7.2	-6	-4.8
1250Hz	P	-14.4	-13.2	-12	-10.8	-9.6	-8.4	-7.2	-6
1600Hz	P	-15.6	-14.4	-13.2	-12	-10.8	-9.6	-8.4	-7.2
2000Hz	P	-16.8	-15.6	-14.4	-13.2	-12	-10.8	-9.6	-8.4
2500Hz	P	-18	-16.8	-15.6	-14.4	-13.2	-12	-10.8	-9.6
3150Hz	P	-19.2	-18	-16.8	-15.6	-14.4	-13.2	-12	-10.8
4000Hz	P	-20.4	-19.2	-18	-16.8	-15.6	-14.4	-13.2	-12
5000Hz	P	-21.6	-20.4	-19.2	-18	-16.8	-15.6	-14.4	-13.2
6300Hz	P	-22.8	-21.6	-20.4	-19.2	-18	-16.8	-15.6	-14.4
8000Hz	P	-24	-22.8	-21.6	-20.4	-19.2	-18	-16.8	-15.6
10000Hz	P	-25.2	-24	-22.8	-21.6	-20.4	-19.2	-18	-16.8
12500Hz	P	-26.4	-25.2	-24	-22.8	-21.6	-20.4	-19.2	-18
16000Hz	P	-27.6	-26.4	-25.2	-24	-22.8	-21.6	-20.4	-19.2
20000Hz	P	-28.8	-27.6	-26.4	-25.2	-24	-22.8	-21.6	-20.4
25000Hz	P	-30	-28.8	-27.6	-26.4	-25.2	-24	-22.8	-21.6
31500Hz	P	-31.2	-30	-28.8	-27.6	-26.4	-25.2	-24	-22.8
40000Hz	P	-32.4	-31.2	-30	-28.8	-27.6	-26.4	-25.2	-24
50000Hz	P	-33.6	-32.4	-31.2	-30	-28.8	-27.6	-26.4	-25.2
63000Hz	P	-34.8	-33.6	-32.4	-31.2	-30	-28.8	-27.6	-26.4
80000Hz	P	-36	-34.8	-33.6	-32.4	-31.2	-30	-28.8	-27.6
100000Hz	P	-37.2	-36	-34.8	-33.6	-32.4	-31.2	-30	-28.8
125000Hz	P	-38.4	-37.2	-36	-34.8	-33.6	-32.4	-31.2	-30
160000Hz	P	-39.6	-38.4	-37.2	-36	-34.8	-33.6	-32.4	-31.2
200000Hz	P	-40.8	-39.6	-38.4	-37.2	-36	-34.8	-33.6	-32.4
250000Hz	P	-42	-40.8	-39.6	-38.4	-37.2	-36	-34.8	-32.4
315000Hz	P	-43.2	-42	-40.8	-39.6	-38.4	-37.2	-36	-34.8
400000Hz	P	-44.4	-43.2	-42	-40.8	-39.6	-38.4	-37.2	-36
500000Hz	P	-45.6	-44.4	-43.2	-42	-40.8	-39.6	-38.4	-37.2
630000Hz	P	-46.8	-45.6	-44.4	-43.2	-42	-40.8	-39.6	-37.2
800000Hz	P	-48	-46.8	-45.6	-44.4	-43.2	-42	-40.8	-37.2
1000000Hz	P	-49.2	-48	-46.8	-45.6	-44.4	-43.2	-42	-40.8
1250000Hz	P	-50.4	-49.2	-48	-46.8	-45.6	-44.4	-43.2	-40.8
1600000Hz	P	-51.6	-50.4	-49.2	-48	-46.8	-45.6	-44.4	-40.8
2000000Hz	P	-52.8	-51.6	-50.4	-49.2	-48	-46.8	-45.6	-40.8
2500000Hz	P	-54	-52.8	-51.6	-50.4	-49.2	-48	-46.8	-40.8
3150000Hz	P	-55.2	-54	-52.8	-51.6	-50.4	-49.2	-48	-40.8
4000000Hz	P	-56.4	-55.2	-54	-52.8	-51.6	-50.4	-49.2	-40.8
5000000Hz	P	-57.6	-56.4	-55.2	-54	-52.8	-51.6	-50.4	-40.8
6300000Hz	P	-58.8	-57.6	-56.4	-55.2	-54	-52.8	-51.6	-40.8
8000000Hz	P	-60	-58.8	-57.6	-56.4	-55.2	-54	-52.8	-40.8
10000000Hz	P	-61.2	-60	-58.8	-57.6	-56.4	-55.2	-54	-40.8
12500000Hz	P	-62.4	-61.2	-60	-58.8	-57.6	-56.4	-55.2	-40.8
16000000Hz	P	-63.6	-62.4	-61.2	-60	-58.8	-57.6	-56.4	-40.8
20000000Hz	P	-64.8	-63.6	-62.4	-61.2	-60	-58.8	-57.6	-40.8
25000000Hz	P	-66	-64.8	-63.6	-62.4	-61.2	-60	-58.8	-40.8
31500000Hz	P	-67.2	-66	-64.8	-63.6	-62.4	-61.2	-60	-40.8
40000000Hz	P	-68.4	-67.2	-66	-64.8	-63.6	-62.4	-61.2	-40.8
50000000Hz	P	-69.6	-68.4	-67.2	-66	-64.8	-63.6	-62.4	-40.8
63000000Hz	P	-70.8	-69.6	-68.4	-67.2	-66	-64.8	-63.6	-40.8
80000000Hz	P	-72	-70.8	-69.6	-68.4	-67.2	-66	-64.8	-40.8
100000000Hz	P	-73.2	-72	-70.8	-69.6	-68.4	-67.2	-66	-40.8
125000000Hz	P	-74.4	-73.2	-72	-70.8	-69.6	-68.4	-67.2	-40.8
160000000Hz	P	-75.6	-74.4	-73.2	-72	-70.8	-69.6	-68.4	-40.8
200000000Hz	P	-76.8	-75.6	-74.4	-73.2	-72	-70.8	-69.6	-40.8
250000000Hz	P	-78	-76.8	-75.6	-74.4	-73.2	-72	-70.8	-40.8
315000000Hz	P	-79.2	-78	-76.8	-75.6	-74.4	-73.2	-72	-40.8
400000000Hz	P	-80.4	-79.2	-78	-76.8	-75.6	-74.4	-73.2	-40.8
500000000Hz	P	-81.6	-80.4	-79.2	-78	-76.8	-75.6	-74.4	-40.8
630000000Hz	P	-82.8	-81.6	-80.4	-79.2	-78	-76.8	-75.6	-40.8
800000000Hz	P	-84	-82.8	-81.6	-80.4	-79.2	-78	-76.8	-40.8
1000000000Hz	P	-85.2	-84	-82.8	-81.6	-80.4	-79.2	-78	-40.8
1250000000Hz	P	-86.4	-85.2	-84	-82.8	-81.6	-80.4	-79.2	-40.8
1600000000Hz	P	-87.6	-86.4	-85.2	-84	-82.8	-81.6	-80.4	-40.8
2000000000Hz	P	-88.8	-87.6	-86.4	-85.2	-84	-82.8	-81.6	-40.8
2500000000Hz	P	-90	-88.8	-87.6	-86.4	-85.2	-84	-82.8	-40.8
3150000000Hz	P	-91.2	-90	-88.8	-87.6	-86.4	-85.2	-84	-40.8
4000000000Hz	P	-92.4	-91.2	-90	-88.8	-87.6	-86.4	-85.2	-40.8
5000000000Hz	P	-93.6	-92.4	-91.2	-90	-88.8	-87.6	-86.4	-40.8
6300000000Hz	P	-94.8	-93.6	-92.4	-91.2	-90	-88.8	-87.6	-40.8
8000000000Hz	P	-96	-94.8	-93.6	-92.4	-91.2	-90	-88.8	-40.8
10000000000Hz	P	-97.2	-96	-94.8	-93.6	-92.4	-91.2	-90	-40.8
12500000000Hz	P	-98.4	-97.2	-96	-94.8	-93.6	-92.4	-91.2	-40.8
16000000000Hz	P	-99.6	-98.4	-97.2	-96	-94.8	-93.6	-92.4	-40.8
20000000000Hz	P	-100.8	-99.6	-98.4	-97.2	-96	-94.8	-93.6	-40.8
25000000000Hz	P	-102	-100.8	-99.6	-98.4	-97.2	-96	-94.8	-40.8
31500000000Hz	P	-103.2	-102	-100.8	-99.6	-98.4	-97.2	-96	-40.8
40000000000Hz	P	-104.4	-103.2	-102	-100.8	-99.6	-98.4	-97.2	-40.8
50000000000Hz	P	-105.6	-104.4	-103.2	-102	-100.8	-99.6	-98.4	-40.8
63000000000Hz	P	-106.8	-105.6	-104.4	-103.2	-102	-100.8	-99.6	-40.8
80000000000Hz	P	-108	-106.8	-105.6	-104.4	-103.2	-102	-100.8	-40.8
100000000000Hz	P	-109.2	-108	-106.8	-105.6	-104.4	-103.2	-102	-40.8
125000000000Hz	P	-110.4	-109.2	-108	-106.8	-105.6	-104.4	-103.2	-40.8
160000000000Hz	P	-111.6	-110.4	-109.2	-108	-106.8	-105.6	-104.4	-40.8
200000000000Hz	P	-112.8	-111.6	-110.4	-109.2	-108	-106.8	-105.6	-40.8
250000000000Hz	P	-114	-112.8	-111.6	-110.4	-109.2	-108	-106.8	-40.8
315000000000Hz	P	-115.2	-114	-112.8	-111.6	-110.4	-109.2	-108	-40.8
400000000000Hz	P	-116.4	-115.2	-114	-112.8	-111.6	-110.4	-109.2	-40.8
500000000000Hz	P	-117.6	-116.4	-115.2	-114	-112.8	-111.6	-110.4	-40.8
630000000000Hz	P	-118.8	-117.6	-116.4	-115.2	-114	-112.8	-111.6	-40.8
800000000000Hz	P	-120	-118.8	-117.6	-116.4	-115.2	-114	-112.8	-40.8
1000000000000Hz	P	-121.2	-120	-118.8	-117.6	-116.4	-115.2	-114	-40.8
1250000000000Hz	P	-122.4	-121.2	-120	-118.8	-117.6	-116.4	-115.2	-40.8
1600000000000Hz	P	-123.6	-122.4	-121.2	-120	-118.8	-117.6	-116.4	-40.8
2000000000000Hz	P	-124.8	-123.6	-122.4	-121.2	-120	-118.8	-117.6	-40.8
2500000000000Hz	P	-126	-124.8	-123.6	-122.4	-121.2	-120	-118.8	-40.8
3150000000000Hz	P	-127.2	-126	-124.8	-123.6	-122.4	-121.2	-120	-40.8
4000000000000Hz	P	-128.4	-127.2	-126	-124.8	-123.6	-122.4	-121.2	-40.8
5000000000000Hz	P	-129.6	-128.4	-127.2	-126	-124.8	-123.6	-122.4	-40.8
6300000000000Hz	P	-130.8	-129.6	-128.4	-127.2	-126	-124.8	-123.6	-40.8
8000000000000Hz	P	-132	-130.8	-129.6	-128.4	-127.2	-126	-124.8	-40.8

HRSG PSV Silencer Noise Test

[illegible]

Table A

Power	67.55	100	175	250	500	1000	2000	4000	8000	OA
Excavator Band	Hz	dB	134.5406	134.5406	134.5406	134.5406	134.5406	134.5406	134.5406	144.9
PWLT	dB	134.5406	134.5406	134.5406	134.5406	134.5406	134.5406	134.5406	134.5406	144.9
A weighting	dB	-2.5	-16	-9	-3	0	1	1	-1	
Transmission loss	dB	0	0	0	0	0	0	0	0	
PWA	dB	128.3406	116.9400	126.5400	123.1400	136.1400	128.3406	137.1400	132.9400	143.4

Pos	US Reg									
Order & Band	Hz	63	75	250	500	1000	2500	4000	8000	FA
FWL1	all	134.1400	134.7400	135.5400	135.9400	136.5400	137.5400	135.9400	134.7400	144.7
A weighting	all	-26	-18	-9	-3	0	1	1	-1	
Transmission loss	all	0	0	0	0	0	0	0	0	
PWL	allA	108.1400	118.7400	126.5400	122.9400	136.5400	138.1400	136.9400	133.7400	143.2

Size	#1 Burg									
Octave band	Hz	(3)	125	250	500	1000	2000	4000	8000	1/A
PWLT	dB	133.6406	134.4400	135.0406	135.6406	136.2408	136.8406	135.0406	134.6406	134.4
A weighting	dB	-29	-18	-9	-3	0	0	1	1	-1
Transmission loss	dB	0	0	0	0	0	0	0	0	0
PWLT	dB(A)	107.6406	116.4405	126.0406	132.3406	136.2408	137.6406	136.6406	133.6406	142.9

Pipe	57 mm										75 mm										100 mm										125 mm										150 mm										200 mm										250 mm										300 mm										350 mm										400 mm										450 mm										500 mm										600 mm										700 mm										800 mm										900 mm										1000 mm										1200 mm										1400 mm										1600 mm										1800 mm										2000 mm										2200 mm										2400 mm										2600 mm										2800 mm										3000 mm										3200 mm										3400 mm										3600 mm										3800 mm										4000 mm										4200 mm										4400 mm										4600 mm										4800 mm										5000 mm										5200 mm										5400 mm										5600 mm										5800 mm										6000 mm										6200 mm										6400 mm										6600 mm										6800 mm										7000 mm										7200 mm										7400 mm										7600 mm										7800 mm										8000 mm										8200 mm										8400 mm										8600 mm										8800 mm										9000 mm										9200 mm										9400 mm										9600 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Port	54 barg									
Outstar line	Hz	63	125	250	500	1000	2000	4000	8000	16
PWL1	dB	133.3406	133.9406	134.5406	135.1406	135.7406	136.3406	136.9406	137.5406	143.9
A weighting	dB	-26	-18	-9	-3	0	1	1	-1	
Transmission loss	dB	0	0	0	0	0	0	0	0	
PWL	dBA	107.3406	115.9406	125.5406	132.1406	135.7406	137.3406	136.9406	136.5406	142.4

Pos	50 bag									
Octave band	Hz	63	125	250	500	1000	2000	4000	8000	2A
PWL1	dB	123.6406	123.6406	134.7406	134.8406	135.6406	135.6406	134.8406	133.6406	143.6
A weighting	dB	-2.6	-1.6	-3	-3	0	1	1	1	-1
Transmission loss	dB	0	0	0	0	0	0	0	0	
PWL	dBA	107.0406	117.6406	125.6406	131.8406	135.6406	137.6406	135.8406	132.6406	142.1

HRSG PSV Silencer Noise Test

Tag		LP drum CSV						
Name		LP drum CSV						
Description	Unit	Case 1	Case 2	Case 3	Case 4	Case 5	Case 7	
Throat diameter	in	75.7	75.7	75.7	75.7	75.7	75	
Pressure ratio	A1	45.007	45.007	45.007	45.007	45.007	45.007	
Outlet area	sq in	150	150	150	150	150	150	
Outlet area	sq in	176.714	176.714	176.714	176.714	176.714	176.714	
Mass flow	lb	18	18	18	18	18	18	
Specific heat ratio	k	1.25	1.25	1.25	1.25	1.25	1.25	
Refractive index	n	1.2775	1.24	1.275	1.275	1.24	1.24	
Relieving temp.	T	450.8	448.9555	443.9559	440.8302	437.4483	433.8306	
Set pressure	P _{set}	8.227	7.77	7.77	6.65	5.9	5.5	
Set pressure	P _{set}	0.8217	0.77	0.77	0.65	0.58	0.55	
Automatic vent stress	AL	2	2	2	2	2	2	
Relieving pressure	P _{rel}	0.101	0.101	0.101	0.101	0.101	0.101	
Gas constant	R	8.314	8.314	8.314	8.314	8.314	8.314	
Relieving pressure from (2)	PO	0.952810	0.884100	0.832300	0.770500	0.704700	0.645800	
Rate volume at throat from (1)	VI	0.21555	0.23057	0.24638	0.26261	0.285103	0.30776	
Rate volume at outlet from (1)	VO	0.3329	0.3573	0.3837	0.4124	0.4458	0.4845	
Rate volume at outlet from (2)	VO	0.10054	0.1004	0.104	0.10929	0.1126	0.11676	
Sound at throat from (6)	U	578.3	516.1	514.3	512.5	510.6	508	
Center frequency from (7)	f _c	891	886	886	886	881	877	
Pressure level at PWS from (1)	dBS	141.1	141.3	142.9	145.3	146.2	138	
Pressure level at PWS from (2)	dBS	139.2	139.6	138.2	137.8	137.3	136	
Sound pressure level from (6)	dBS	151.1	130.7	130.2	129.9	129.4	128	
dB(A) (Design - Case)		0	-0.40	-0.90	-1.20	-1.70	-2.30	
At Silencer								
Design @50dBA	PWL	dBA	85	84.00	84.10	83.80	83.30	82.80
OPAR case @ 50dBA - dGB								

Table A

Parameter	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar	2.37 bar
Octave band	Hz	63	125	250	500	1000	2000	4000	8000	12.5
PWL	dB	132.5628	133.1826	133.7628	134.3428	133.1826	131.9828	128.7826	125.5828	141.7
A-weighting	dB	-28	-16	-6	-3	0	1	1	-1	
Transmission loss	dB	0	0	0	0	0	0	0	0	
PWL	dB	108.5628	117.1826	124.7628	131.3428	133.1826	132.9828	131.7826	128.5828	138.0

[illegible]

Pla	7.1 berg									
Pla en baart	Pla	63	125	250	500	1000	2000	4000	8000	CA
PWL 1	GB	131 7629	132 3626	132 9629	133 5626	132 3626	131 1626	129 9626	128 7626	140 9
A weighting	GB	-29	-16	-8	-3	0	1	1	1	-1
Transmissies tota	GB	0	0	0	0	0	0	0	0	0
PWL	GBA	105 7626	116 3626	121 9626	130 5626	132 13626	130 5626	127 7626	126 7626	136 1

Par		6.5 barg									
Active tank	Hz	63	725	250	500	1000	2000	4000	8000	GA	
PWL1	dB	131.3020	131.8826	132.5626	133.1626	131.8826	130.7826	129.5826	128.2626	140.5	
A weighting		-58	-16	-9	-3	0	1	1	-3		
Transmission loss	dB	0	0	0	0	0	0	0	0		
PWL	dBA	105.2626	115.8826	123.5626	130.1626	131.8826	131.7826	130.5826	127.2626	137.5	

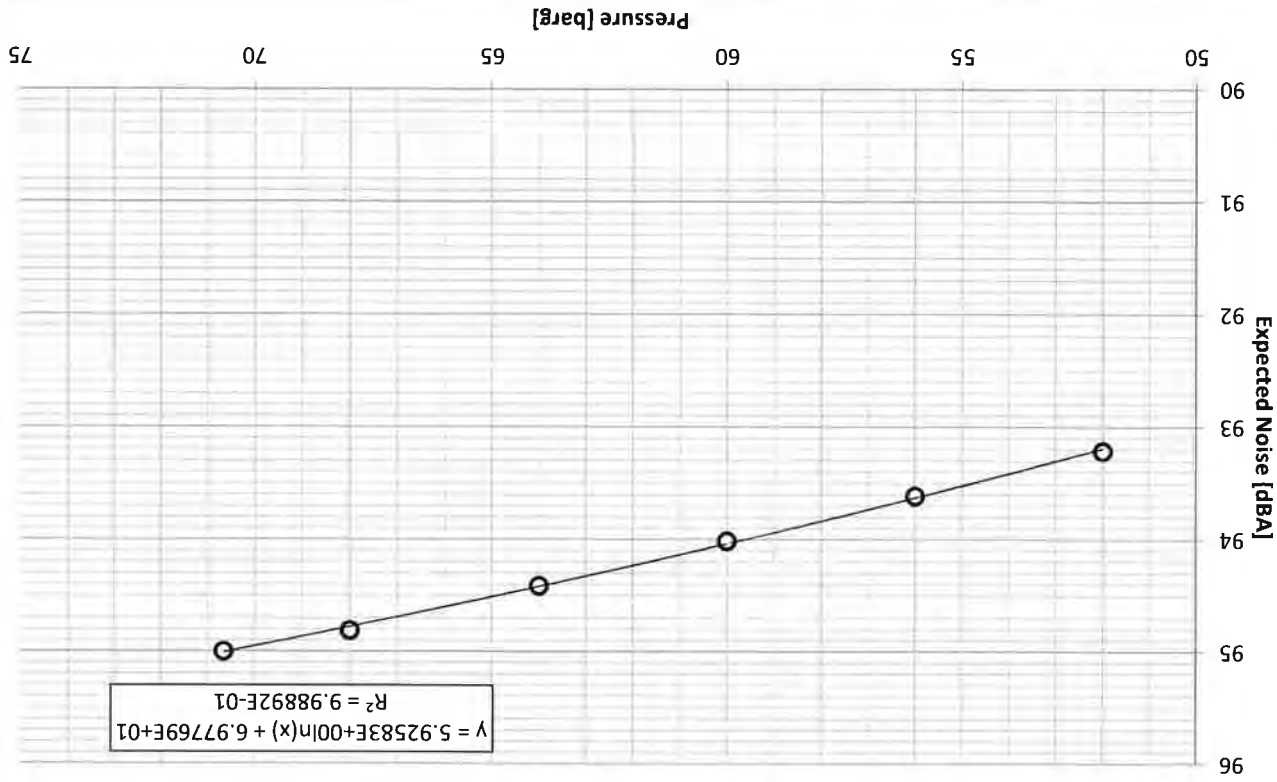
5.9 tony		67	125	250	500	1000	2000	4000	8000	GA
Detected band	dB									
PW.1	dB	130.8820	131.4626	132.0626	132.6826	131.4626	130.2626	123.0626	127.8826	140.0
A weighting	dB	-20	-16	-8	-3	0	1	1	1	-1
Transmission loss	dB	0	0	0	0	0	0	0	0	0
PW.	dB	104.8826	115.4826	123.0626	129.6826	131.4626	131.2626	126.0626	128.8826	137.3

P=		5.3 segs									
Octave band	Hz	63	125	250	500	1000	2000	4000	8000	16	
PWL1	dB	130.3676	130.9826	131.5826	132.1826	130.9826	129.7826	128.5826	127.3826	138.5	
A weighting		-0.6	-1.6	-3	-5	0	1	1	-1		
Transmission loss	dB	0	0	0	0	0	0	0	0		
PWL	dBA	129.7676	118.9826	127.5826	127.1826	130.9826	130.7826	129.5826	126.3826	138.5	

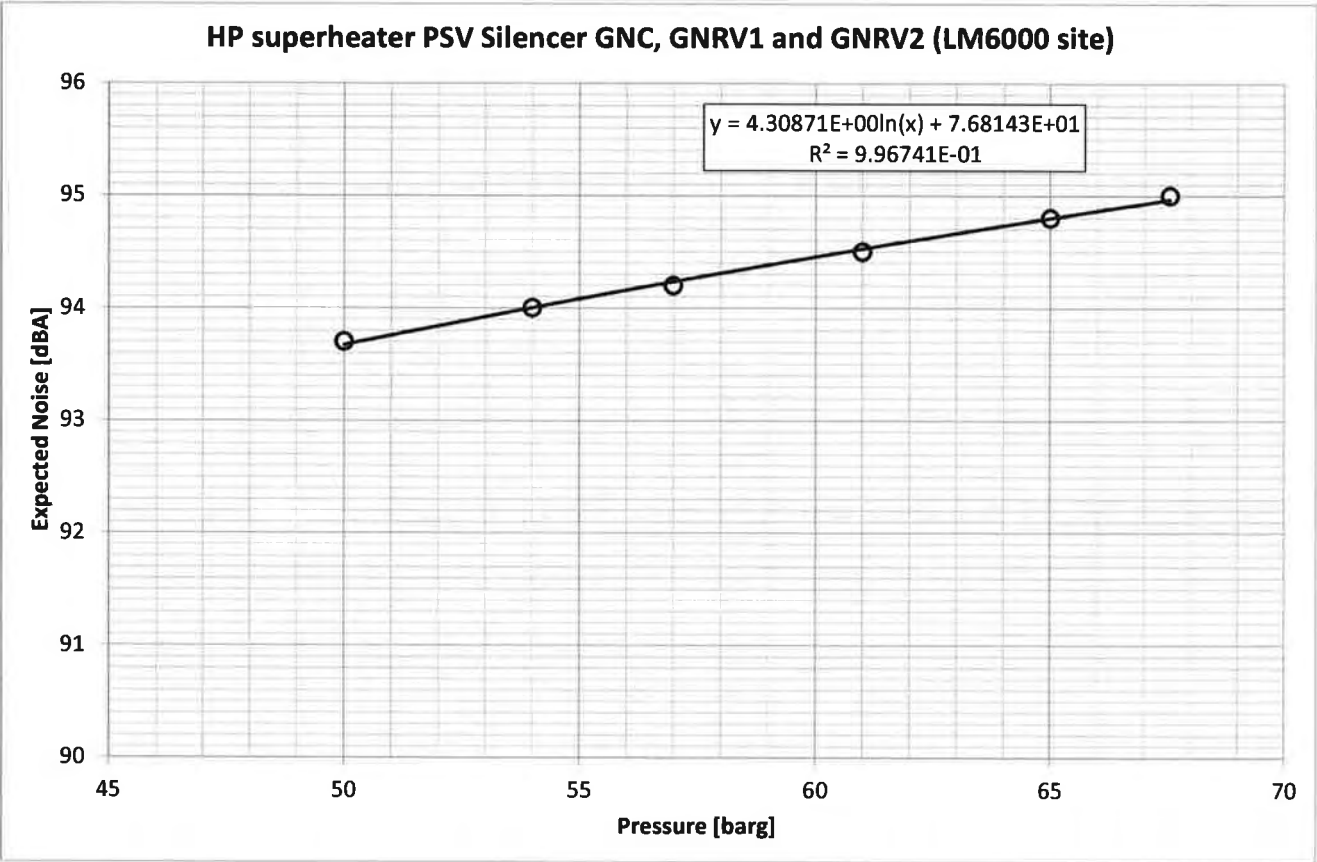
Attachment 3

Name LP S/H PSV

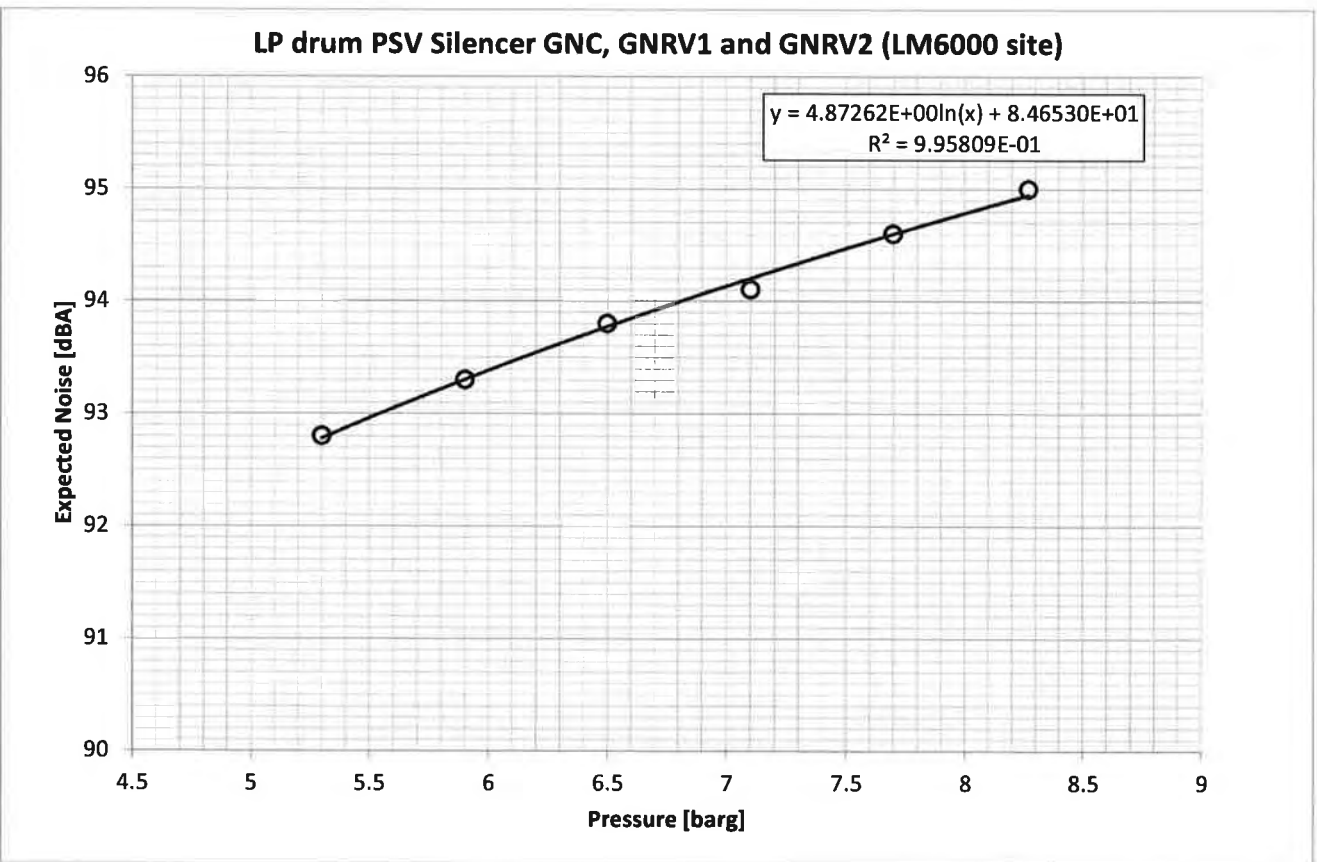
$$y = 5.92583E+00 \ln(x) + 6.97769E+01$$

$$R^2 = 9.98892E-01$$


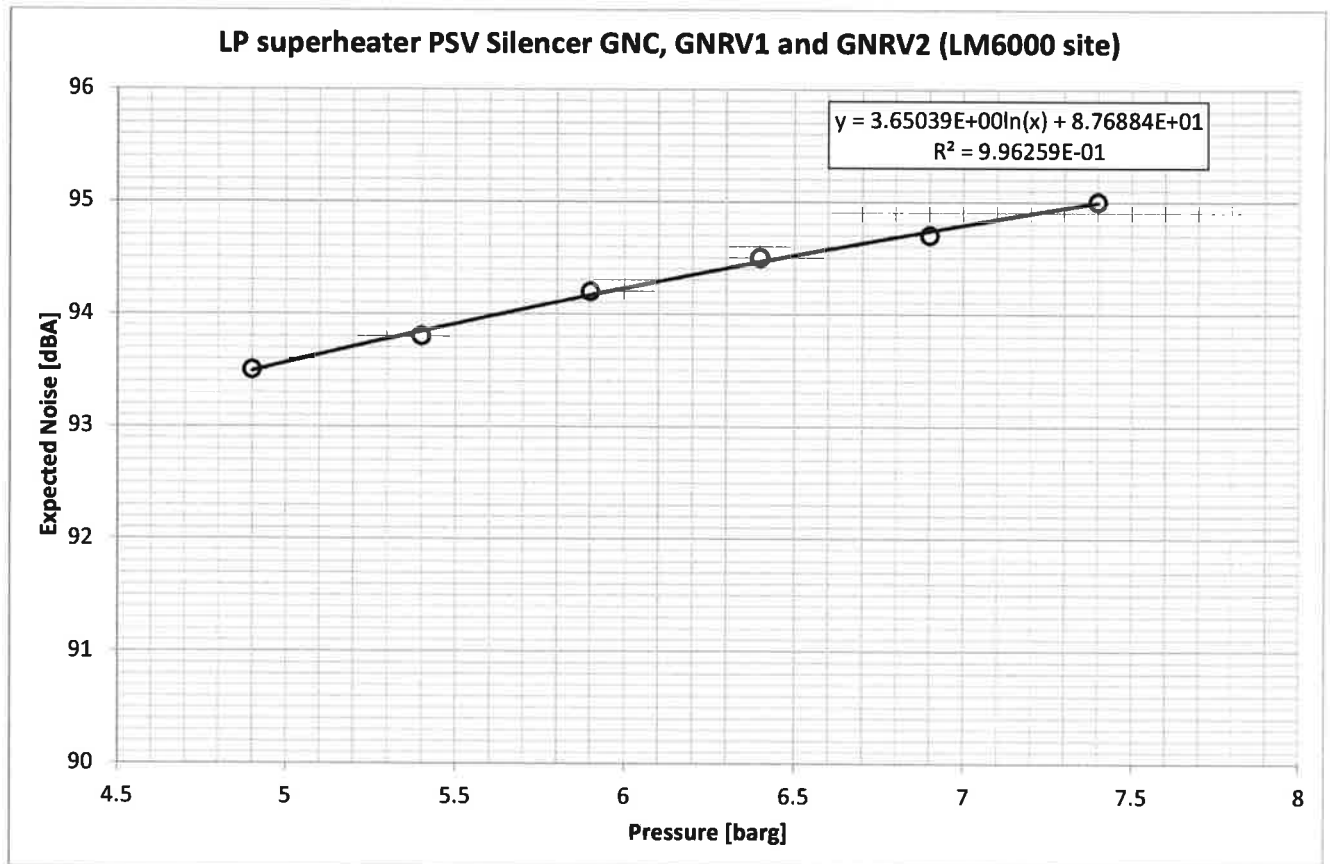
Attachment 3



Attachment 3



Attachment 3



ภาคผนวก ข-12

ผังแสดงชั้นระดับเสียง (Noise Contour)

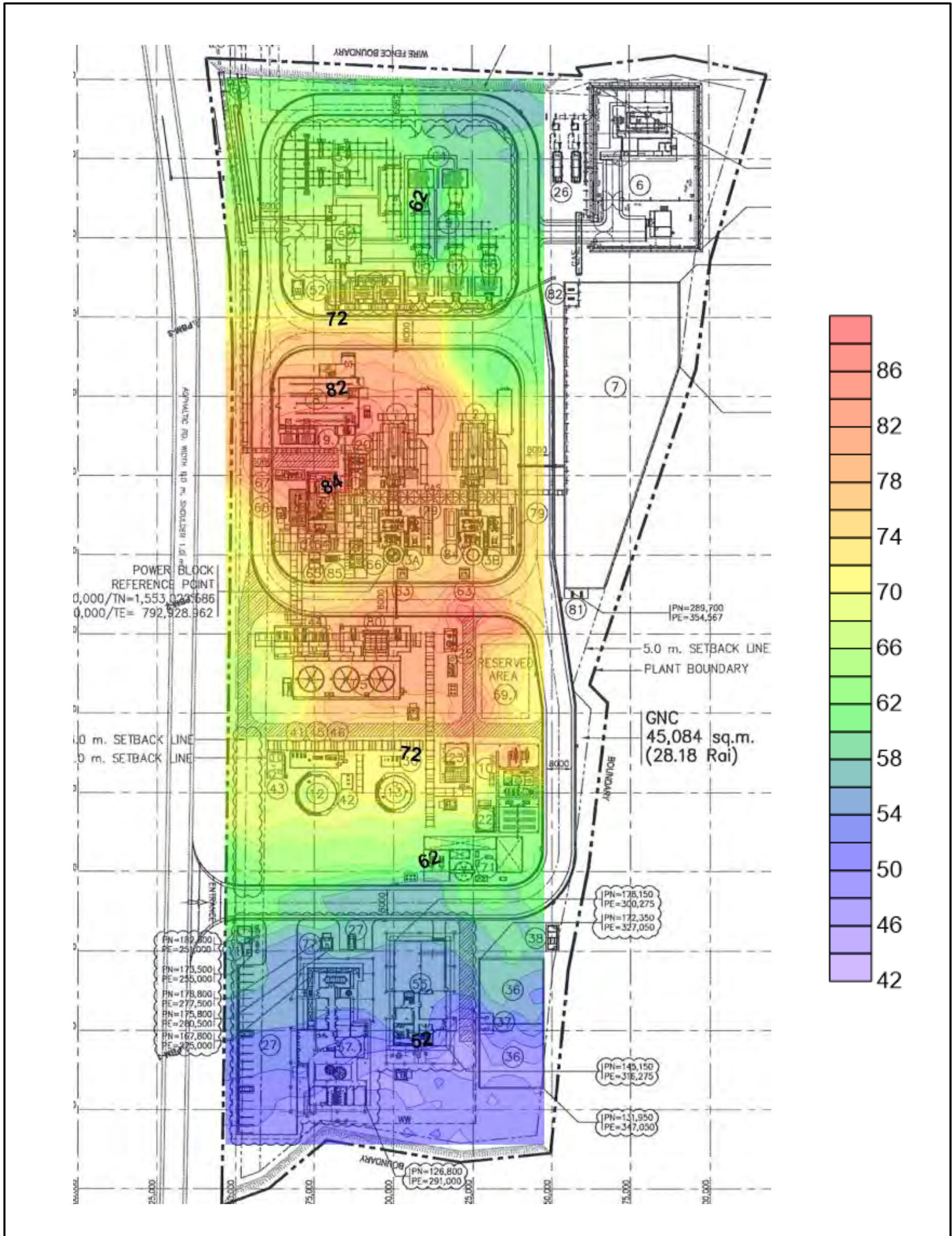


Noise Contour Map

Gulf NC Co., Ltd.

Reference Number : 2479827-1

Measurement Date : Sep 17, 2024



ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phatthanakan, Khet Suan Luang, Bangkok 10250, Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197

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ภาคผนวก ข-13

ผลการติดตามตรวจสอบคุณภาพน้ำทิ้ง แบบต่อเนื่อง
(Online Monitoring) บริเวณจุดระบายน้ำทิ้งของโครงการ

July-24

*Remark

Copy จารงการ PI ไม่ควรเป็น value.

Time	10GM840CF001XQ01.PV	10GM830CT001XQ01.PV	10GM830CQ001XQ01.PV	10GM830CQ002XQ01.PV	10GM830CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
01-ก.ค.-24 00:00:00	466.8	30.85	7.04	660.33	8.77	-0.02
01-ก.ค.-24 01:00:00	470.5	30.71	7.01	659.29	8.60	-0.02
01-ก.ค.-24 02:00:00	473.3	30.57	6.98	658.24	8.29	-0.02
01-ก.ค.-24 03:00:00	0.03	30.43	6.85	161.83	6.12	-0.03
01-ก.ค.-24 04:00:00	0.03	29.61	6.81	158.73	5.46	-0.03
01-ก.ค.-24 05:00:00	0.03	28.78	6.81	155.63	5.77	-0.03
01-ก.ค.-24 06:00:00	0.03	27.95	6.81	152.53	5.64	-0.03
01-ก.ค.-24 07:00:00	0.03	27.76	6.82	152.25	5.76	-0.04
01-ก.ค.-24 08:00:00	0.03	28.52	6.82	152.61	6.22	-0.04
01-ก.ค.-24 09:00:00	0.03	29.95	6.83	152.97	7.02	-0.04
01-ก.ค.-24 10:00:00	0.03	31.25	6.83	153.32	7.84	-0.03
01-ก.ค.-24 11:00:00	0.03	32.33	6.83	153.68	8.03	-0.03
01-ก.ค.-24 12:00:00	0.03	33.71	6.84	154.04	8.67	118.34
01-ก.ค.-24 13:00:00	0.03	35.29	6.84	154.40	8.85	117.94
01-ก.ค.-24 14:00:00	0.03	36.89	6.84	154.76	9.08	111.21
01-ก.ค.-24 15:00:00	0.03	36.65	6.84	154.75	8.15	125.92
01-ก.ค.-24 16:00:00	0.03	35.48	6.84	154.74	7.37	128.34
01-ก.ค.-24 17:00:00	0.03	34.45	6.84	154.73	6.81	124.24
01-ก.ค.-24 18:00:00	0.03	33.68	6.85	154.71	6.28	111.70
01-ก.ค.-24 19:00:00	0.03	32.71	6.84	154.70	7.47	115.17
01-ก.ค.-24 20:00:00	0.04	30.97	6.80	146.35	8.11	109.95
01-ก.ค.-24 21:00:00	470.2	31.37	7.22	103.30	727.54	117.32
01-ก.ค.-24 22:00:00	476.9	31.24	7.21	734.44	9.86	116.95
01-ก.ค.-24 23:00:00	468.2	31.11	7.17	736.79	9.26	127.84
02-ก.ค.-24 00:00:00	464.8	30.98	7.13	736.58	8.83	127.38
02-ก.ค.-24 01:00:00	471.4	30.86	7.09	736.36	8.51	110.95
02-ก.ค.-24 02:00:00	0.06	30.35	6.84	159.42	5.54	119.35
02-ก.ค.-24 03:00:00	0.06	29.58	6.82	158.70	4.74	110.34
02-ก.ค.-24 04:00:00	0.05	28.81	6.82	157.98	4.04	119.34
02-ก.ค.-24 05:00:00	0.05	28.33	6.83	157.26	3.61	118.75
02-ก.ค.-24 06:00:00	0.04	27.93	6.83	156.54	3.39	115.48
02-ก.ค.-24 07:00:00	0.04	27.84	6.83	155.82	3.30	123.94
02-ก.ค.-24 08:00:00	0.03	29.05	6.84	155.10	3.15	121.04
02-ก.ค.-24 09:00:00	0.03	31.82	6.84	154.38	5.34	109.30
02-ก.ค.-24 10:00:00	0.03	34.04	6.84	154.39	5.78	118.68
02-ก.ค.-24 11:00:00	0.03	36.50	6.84	154.65	6.38	115.00
02-ก.ค.-24 12:00:00	0.04	39.00	6.84	154.91	6.06	118.11
02-ก.ค.-24 13:00:00	0.04		6.84	155.18	6.79	118.33
02-ก.ค.-24 14:00:00	0.04		6.83	155.44	5.80	128.43
02-ก.ค.-24 15:00:00	0.05		6.83	155.70	8.04	108.21
02-ก.ค.-24 16:00:00	0.05		6.83	155.96	7.71	106.99
02-ก.ค.-24 17:00:00	0.05		6.83	156.22	7.40	106.60
02-ก.ค.-24 18:00:00	0.05	38.76	6.83	156.20	6.54	120.42
02-ก.ค.-24 19:00:00	0.05	37.38	6.83	156.13	7.14	111.13
02-ก.ค.-24 20:00:00	0.06	35.87	6.83	156.07	7.98	107.61
02-ก.ค.-24 21:00:00	0.06	34.37	6.83	156.01	7.87	125.11
02-ก.ค.-24 22:00:00	0.06	33.10	6.82	155.95	7.75	111.10
02-ก.ค.-24 23:00:00	466.1	31.56	8.17	1095.78	13.40	111.64
03-ก.ค.-24 00:00:00	468.8	31.56	7.93	1076.78	12.19	115.82
03-ก.ค.-24 01:00:00	476.3	31.37	7.83	1071.62	11.29	113.05
03-ก.ค.-24 02:00:00	460.3	31.19	7.72	1066.47	10.58	120.66
03-ก.ค.-24 03:00:00	460.6	31.01	7.62	1067.89	10.16	120.76
03-ก.ค.-24 04:00:00	468.2	30.83	7.52	1069.85	9.93	112.27
03-ก.ค.-24 05:00:00	472.5	30.64	7.43	1071.81	9.80	113.81
03-ก.ค.-24 06:00:00	475.5	30.46	7.38	1073.77	9.86	118.46
03-ก.ค.-24 07:00:00	479.9	30.28	7.33	1075.73	10.28	110.35
03-ก.ค.-24 08:00:00	0.08	30.64	7.19	1077.69	5.23	109.14
03-ก.ค.-24 09:00:00	0.08	33.09	7.04	1079.65	3.66	121.76
03-ก.ค.-24 10:00:00	0.07	36.21	6.98	1081.47		118.26
03-ก.ค.-24 11:00:00	0.07	38.66	6.91	1081.53		106.36
03-ก.ค.-24 12:00:00	0.06		6.87	1081.60		98.60
03-ก.ค.-24 13:00:00	0.06		6.85	1081.66		115.41
03-ก.ค.-24 14:00:00	0.05		6.83	1081.72		101.96
03-ก.ค.-24 15:00:00	0.05		6.81	1081.79		116.41
03-ก.ค.-24 16:00:00	0.04	34.66	6.79	1070.08		109.46
03-ก.ค.-24 17:00:00	0.04	32.19	6.78	1070.67		108.82
03-ก.ค.-24 18:00:00	0.04	31.01	6.77	1071.26		101.68
03-ก.ค.-24 19:00:00	0.04	30.17	6.76	1071.85		112.08
03-ก.ค.-24 20:00:00	0.04	29.51	6.76	1072.43		126.17
03-ก.ค.-24 21:00:00	0.03	28.85	6.75	1073.02		109.22
03-ก.ค.-24 22:00:00	0.03	28.19	6.74	1073.61		140.47
03-ก.ค.-24 23:00:00	0.03	27.64	6.74	1074.20		112.22
04-ก.ค.-24 00:00:00	0.03	27.27	6.74	1074.64		126.70
04-ก.ค.-24 01:00:00	0.03	26.90	6.73	1074.95		0.28
04-ก.ค.-24 02:00:00	0.03	26.53	6.73	1075.27		0.24
04-ก.ค.-24 03:00:00	0.03	26.30	6.73	1075.59		0.20
04-ก.ค.-24 04:00:00	0.03	26.13	6.73	1075.91		0.16

July-24

*Remark

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Time	10GM840CF001XQ01.PV	10GM830CT001XQ01.PV	10GM830CQ001XQ01.PV	10GM830CQ002XQ01.PV	10GM830CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
04-ก.ค.-24 05:00:00	0.03	25.97	6.72	1,076.23		0.12
04-ก.ค.-24 06:00:00	0.03	26.16	6.72	1,076.54		0.09
04-ก.ค.-24 07:00:00	0.03	26.97	6.71	1,076.86		0.05
04-ก.ค.-24 08:00:00	0.04	30.00	6.70	1,077.85		0.01
04-ก.ค.-24 09:00:00	0.04	28.10	6.70	1,079.13		0.00
04-ก.ค.-24 10:00:00	0.04	28.92	6.69	1,080.41		0.00
04-ก.ค.-24 11:00:00	0.04	35.09	6.68	1,081.65		0.00
04-ก.ค.-24 12:00:00	0.04		6.68	1,082.81		0.00
04-ก.ค.-24 13:00:00	0.05		6.67	1,083.97		0.00
04-ก.ค.-24 14:00:00	0.05	36.21	6.66	1,083.35		0.00
04-ก.ค.-24 15:00:00	0.05	31.08	6.66	1,082.00		0.00
04-ก.ค.-24 16:00:00	0.05	30.54	6.65	1,080.65		0.00
04-ก.ค.-24 17:00:00	0.05	30.29	6.65	1,079.30		0.00
04-ก.ค.-24 18:00:00	0.05	29.29	6.65	1,077.96		0.00
04-ก.ค.-24 19:00:00	0.05	28.38	6.66	1,076.61		-0.01
04-ก.ค.-24 20:00:00	0.05	27.48	6.66	1,075.26		-0.01
04-ก.ค.-24 21:00:00	0.05	26.92	6.67	1,073.91		-0.01
04-ก.ค.-24 22:00:00	0.05	31.18	7.61	1,115.49	9.37	-0.01
04-ก.ค.-24 23:00:00	0.05	31.14	7.80	1,127.17	10.75	-0.01
05-ก.ค.-24 00:00:00	478.9	30.94	7.75	1,129.57	10.52	-0.01
05-ก.ค.-24 01:00:00	472.3	30.73	7.67	1,131.98	10.23	-0.01
05-ก.ค.-24 02:00:00	469.7	30.53	7.59	1,134.38	10.15	-0.01
05-ก.ค.-24 03:00:00	473.9	30.33	7.51	1,136.78	9.93	-0.01
05-ก.ค.-24 04:00:00	474.0	30.12	7.43	1,139.19	9.89	-0.01
05-ก.ค.-24 05:00:00	0.07	29.55	7.30	1,141.59	8.84	-0.01
05-ก.ค.-24 06:00:00	0.07	28.51	7.20	1,143.60	4.40	-0.01
05-ก.ค.-24 07:00:00	0.06	27.93	7.10	1,145.41	2.31	-0.01
05-ก.ค.-24 08:00:00	0.06	28.70	7.03	1,147.22	2.36	-0.01
05-ก.ค.-24 09:00:00	0.06	31.57	6.97	1,149.02		-0.01
05-ก.ค.-24 10:00:00	0.06	35.49	6.92	1,150.83		-0.02
05-ก.ค.-24 11:00:00	0.06	38.27	6.86	1,152.63		-0.03
05-ก.ค.-24 12:00:00	0.06		6.84	1,154.44		-0.04
05-ก.ค.-24 13:00:00	0.06		6.83	1,156.25		-0.05
05-ก.ค.-24 14:00:00	0.05		6.81	1,155.59		-0.06
05-ก.ค.-24 15:00:00	0.05	39.91	6.79	1,153.96		-0.06
05-ก.ค.-24 16:00:00	0.05	38.40	6.78	1,152.34		-0.07
05-ก.ค.-24 17:00:00	0.04	38.60	6.77	1,150.72		-0.06
05-ก.ค.-24 18:00:00	0.04	37.42	6.77	1,149.10		-0.05
05-ก.ค.-24 19:00:00	0.03	35.68	6.77	1,147.47		-0.04
05-ก.ค.-24 20:00:00	0.03	33.92	6.76	1,145.85		-0.03
05-ก.ค.-24 21:00:00	0.03	31.78	6.76	1,144.23		-0.02
05-ก.ค.-24 22:00:00	0.04	31.04	7.41	1,172.14	9.60	-0.01
05-ก.ค.-24 23:00:00	478.6	30.98	7.87	1,186.46	11.42	0.00
06-ก.ค.-24 00:00:00	473.7	30.81	7.83	1,185.34	10.73	0.00
06-ก.ค.-24 01:00:00	468.7	30.64	7.67	1,178.45	9.68	0.00
06-ก.ค.-24 02:00:00	0.05	30.33	7.48	1,171.55	8.87	0.00
06-ก.ค.-24 03:00:00	0.05	29.53	7.30	1,167.26	3.69	0.00
06-ก.ค.-24 04:00:00	0.04	28.73	7.15	1,168.58		0.00
06-ก.ค.-24 05:00:00	0.04	27.94	7.09	1,169.90		0.00
06-ก.ค.-24 06:00:00	0.04	27.49	7.04	1,171.22		0.00
06-ก.ค.-24 07:00:00	0.04	27.40	6.98	1,172.53		0.00
06-ก.ค.-24 08:00:00	0.03	28.11	6.95	1,173.85		0.03
06-ก.ค.-24 09:00:00	0.03	31.73	6.93	1,174.74		0.06
06-ก.ค.-24 10:00:00	0.03	35.96	6.90	1,175.46		0.09
06-ก.ค.-24 11:00:00	0.03	39.10	6.88	1,176.18		0.12
06-ก.ค.-24 12:00:00	0.03		6.87	1,176.91		0.15
06-ก.ค.-24 13:00:00	0.04		6.85	1,177.63		0.18
06-ก.ค.-24 14:00:00	0.04		6.83	1,176.87		0.22
06-ก.ค.-24 15:00:00	0.04		6.82	1,175.67		107.85
06-ก.ค.-24 16:00:00	0.04		6.80	1,174.47		113.75
06-ก.ค.-24 17:00:00	0.05		6.79	1,173.27		122.53
06-ก.ค.-24 18:00:00	0.05	39.01	6.77	1,172.07		122.34
06-ก.ค.-24 19:00:00	0.05	37.39	6.77	1,172.35		128.07
06-ก.ค.-24 20:00:00	0.05	35.47	6.77	1,174.12		130.12
06-ก.ค.-24 21:00:00	0.05	33.60	6.77	1,175.90		128.09
06-ก.ค.-24 22:00:00	0.05	32.15	7.33	1,266.93	9.92	111.36
06-ก.ค.-24 23:00:00	466.2	32.27	7.53	1,292.78	11.41	126.29
07-ก.ค.-24 00:00:00	467.4	32.21	7.53	1,302.54		8.98
07-ก.ค.-24 01:00:00	459.7	32.03	7.46	1,300.93		7.68
07-ก.ค.-24 02:00:00	466.2	31.85	7.40	1,299.33		117.25
07-ก.ค.-24 03:00:00	0.08	31.30	7.30	1,297.85	6.64	122.73
07-ก.ค.-24 04:00:00	0.08	30.08	7.17	1,299.15	2.68	113.96
07-ก.ค.-24 05:00:00	0.07	29.26	7.12	1,300.44		128.59
07-ก.ค.-24 06:00:00	0.07	28.44	7.09	1,301.73		126.79
07-ก.ค.-24 07:00:00	0.06	28.31	7.07	1,303.02		115.34
07-ก.ค.-24 08:00:00	0.06	29.17	7.05	1,304.31		117.12
07-ก.ค.-24 09:00:00	0.06	32.85	7.03	1,307.44		134.87

July-24

*Remark
Copy value from PI value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
07-ท.ท.-24 10:00:00	0.05	33.85	7.02	1.309.01		120.20
07-ท.ท.-24 11:00:00	0.05	35.37	7.01	1.310.32		127.98
07-ท.ท.-24 12:00:00	0.05	37.74	7.01	1.311.63		120.61
07-ท.ท.-24 13:00:00	0.04		7.00	1.312.95		114.45
07-ท.ท.-24 14:00:00	0.04		7.00	1.313.28		130.40
07-ท.ท.-24 15:00:00	0.04		6.99	1.308.17		127.68
07-ท.ท.-24 16:00:00	0.03	39.48	7.00	1.303.05		117.24
07-ท.ท.-24 17:00:00	0.03	32.63	7.07	1.290.24		134.13
07-ท.ท.-24 18:00:00	0.03	30.24	7.06	1.291.00		132.85
07-ท.ท.-24 19:00:00	0.03	29.12	7.06	1.291.76		109.13
07-ท.ท.-24 20:00:00	0.04	28.27	7.05	1.292.53		139.55
07-ท.ท.-24 21:00:00	0.04	27.82	7.04	1.293.29		124.28
07-ท.ท.-24 22:00:00	0.05	31.73	7.14	1.250.52	3.30	127.01
07-ท.ท.-24 23:00:00	46.77	31.84	7.73	1.211.27	10.19	132.80
08-ท.ท.-24 00:00:00	47.85	31.74	7.82	1.207.18	9.93	128.03
08-ท.ท.-24 01:00:00	46.52	31.64	7.74	1.204.23	9.91	128.49
08-ท.ท.-24 02:00:00	47.02	31.53	7.65	1.205.85	9.45	134.67
08-ท.ท.-24 03:00:00	47.64	31.43	7.56	1.207.47	9.25	116.94
08-ท.ท.-24 04:00:00	49.05	31.32	7.47	1.209.10	8.64	120.50
08-ท.ท.-24 05:00:00	49.79	31.22	7.38	1.210.72	8.76	134.23
08-ท.ท.-24 06:00:00	49.63	31.11	7.30	1.212.34	8.98	124.67
08-ท.ท.-24 07:00:00	50.03199768	31.06324005	7.240882397	1.213.96106	9.128107071	123.8047333
08-ท.ท.-24 08:00:00	50.53923416	31.01205444	7.185923576	1.215.582642	8.954594612	137.5918884
08-ท.ท.-24 09:00:00	0.117679007	33.8762506	6.857092381	4.848255157	133.8257904	
08-ท.ท.-24 10:00:00	0.09348166	31.42396164	7.02090168	1.204.901733	5.326611996	124.7419891
08-ท.ท.-24 11:00:00	0.069284312	35.34982681	6.76192379	1.215.210205	2.166672468	149.7801096
08-ท.ท.-24 12:00:00	0.047589842	39.14136505	6.735659122	1.218.614868		118.5362854
08-ท.ท.-24 13:00:00	0.015148447		6.749883175	1.222.019531		117.8866196
08-ท.ท.-24 14:00:00	0.055507053		6.764107704	1.225.424316		134.4836426
08-ท.ท.-24 15:00:00	0.059465658		6.778322233	1.221.689941		124.6585846
08-ท.ท.-24 16:00:00	0.063424267		6.792556763	1.217.236084		115.9029544
08-ท.ท.-24 17:00:00	0.067382872	38.88602448	6.792442322	1.218.623901		134.1277466
08-ท.ท.-24 18:00:00	0.071341477	37.60752106	6.787076473	1.220.011841		115.6384659
08-ท.ท.-24 19:00:00	0.075300083	35.99158478	6.787427425	1.221.399658		111.8976513
08-ท.ท.-24 20:00:00	0.074511923	31.90265274	7.180556774	1.238.726807	7.444802284	136.2742004
08-ท.ท.-24 21:00:00	48.40710068	32.30273506	6.805386772	1.273.742554	11.54998302	122.0562668
08-ท.ท.-24 22:00:00	49.1799469	32.20355606	8.111149788	1.281.287231	10.91856861	119.1687469
08-ท.ท.-24 23:00:00	48.49180603	32.10438156	8.061798096	1.279.562256	9.887011528	129.3990806
09-ท.ท.-24 00:00:00	48.73597336	32.00521088	7.981216431	1.277.837402	9.437981606	116.8056421
09-ท.ท.-24 01:00:00	49.90330505	31.96063638	7.875366688	1.276.112427	9.077584267	108.7475357
09-ท.ท.-24 02:00:00	51.07600784	31.80686378	7.769516945	1.274.387573	8.254899025	129.3160248
09-ท.ท.-24 03:00:00	-0.052717939	31.12402153	7.547832012	1.272.66272	7.231304169	
09-ท.ท.-24 04:00:00	-0.04056333	30.13072586	7.346086025	1.270.937744		112.5943832
09-ท.ท.-24 05:00:00	-0.028408725	29.21777344	7.319727421	1.269.218991		129.5885968
09-ท.ท.-24 06:00:00	-0.01625412	28.60756874	7.315634392	1.271.440796		120.111908
09-ท.ท.-24 07:00:00	-0.004099514	28.36257935	7.303291798	1.276.213867		131.1407928
09-ท.ท.-24 08:00:00	0.008055092	29.46126175	7.279615879	1.280.987061		108.6654053
09-ท.ท.-24 09:00:00	0.020209698	32.60230255	7.25604248	1.283.164063		116.3131866
09-ท.ท.-24 10:00:00	0.032364305	36.28253555	7.242899895	1.284.239502		116.6322632
09-ท.ท.-24 11:00:00	0.036156431	39.6389122	7.229757309	1.283.797241		126.0981156
09-ท.ท.-24 12:00:00	0.037481997	38.31826019	7.216614723	1.277.227295		119.496579
09-ท.ท.-24 13:00:00	0.03880756	31.61522865	7.203472614	1.260.241943		113.1907196
09-ท.ท.-24 14:00:00	0.040133126	29.20224571	7.185838223	1.265.559082		0.080721535
09-ท.ท.-24 15:00:00	0.041458689	30.12631607	7.166416168	1.270.876343		0.073335551
09-ท.ท.-24 16:00:00	0.042784251	31.58926964	7.152525197	1.276.193481		0.065949567
09-ท.ท.-24 17:00:00	0.044109818	31.46708107	7.157576084	1.274.067627		0.058563583
09-ท.ท.-24 18:00:00	0.04543538	30.88764381	7.162899971	1.270.945557		0.051177599
09-ท.ท.-24 19:00:00	0.044259399	30.09266472	7.160765648	1.267.823486		0.043791614
09-ท.ท.-24 20:00:00	0.042884599	31.38261604	7.141344547	1.239.30249		0.03640563
09-ท.ท.-24 21:00:00	0.041509796	31.76616669	7.234701157	1.121.218506	7.948509693	0.029019648
09-ท.ท.-24 22:00:00	46.23376465	31.73993492	7.232807159	1.117.619385	8.737642288	0.033135857
09-ท.ท.-24 23:00:00	31.61466406	31.60231688	7.114202015	8.65092659	0.037631579	0.027601579
10-ท.ท.-24 00:00:00	47.22563328	31.47872543	7.167856216	0.042127296	8.564910889	0.042127296
10-ท.ท.-24 01:00:00	48.11354828	31.34278679	7.135380745	0.046623018	8.247406006	0.046623018
10-ท.ท.-24 02:00:00	46.77309799	31.2068464	7.102905273	0.051118739	8.122503281	0.051118739
10-ท.ท.-24 03:00:00	46.49900818	31.0709079	7.070429802	0.05661446	7.729118824	0.05661446
10-ท.ท.-24 04:00:00	-0.024879601	30.91805077	6.98026228	0.060110182	7.325210094	
10-ท.ท.-24 05:00:00	-0.017048031	30.17281151	6.79418993	0.064154916		
10-ท.ท.-24 06:00:00	-0.009216459	29.42757034	6.807113647	0.064918399		
10-ท.ท.-24 07:00:00	-0.001384889	29.2195034	6.820036888	0.065681882		
10-ท.ท.-24 08:00:00	0.006446681	30.1328125	6.832960606	0.066445366		
10-ท.ท.-24 09:00:00	0.014278253	32.12866592	6.839033685	0.067208856		
10-ท.ท.-24 10:00:00	0.022109823	33.92580795	6.844847679	0.06797234		
10-ท.ท.-24 11:00:00	0.029941393	36.11307526	6.85060215	0.068735823		
10-ท.ท.-24 12:00:00	0.035526853	33.49332291	6.856356144	0.069499314		
10-ท.ท.-24 13:00:00	0.035430968	28.72425079	6.858144283	0.069162682		
10-ท.ท.-24 14:00:00	0.035335079	27.21687317	6.858798981	0.069454603		

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
10-ท.ท.-24 15:00:00	0.035239194	26.63335228	6.859453678	1091.473389		0.062728524
10-ท.ท.-24 16:00:00	0.035143305	26.45494843	6.860108376	1091.850342		0.059511453
10-ท.ท.-24 17:00:00	0.035047419	26.57394028	6.861195564	1092.227295		0.056294378
10-ท.ท.-24 18:00:00	0.034951534	26.69293213	6.866000652	1092.604248		0.053077303
10-ท.ท.-24 19:00:00	0.034855645	26.63640404	6.870806217	1092.981079		0.049860228
10-ท.ท.-24 20:00:00	0.033888966	26.47393608	6.875611782	1093.358032		0.046643153
10-ท.ท.-24 21:00:00	0.031821486	26.31146812	6.880417347	1098.711792		0.043097533
10-ท.ท.-24 22:00:00	52.23669052	30.76348686	7.256827354	1104.575195	6.717998981	0.039114904
10-ท.ท.-24 23:00:00	49.28219986	30.65533638	7.430699825	1129.358765	8.958313942	0.035132278
11-ท.ท.-24 00:00:00	48.80752945	30.5471859	7.447199345	1133.279541	8.895174026	0.031149648
11-ท.ท.-24 01:00:00	48.44929886	30.40421104	7.425368786	1135.809692	8.814198494	0.027167019
11-ท.ท.-24 02:00:00	49.12457657	30.2570076	7.403538704	1138.339722	8.938173294	0.023184391
11-ท.ท.-24 03:00:00	49.66075516	30.10980225	7.381708622	1140.869873	8.569457054	0.019201761
11-ท.ท.-24 04:00:00	0.067783467	29.8733139	7.315636635	1143.180054	8.287834167	0.015219132
11-ท.ท.-24 05:00:00	0.062277749	28.84553337	7.109256268	1144.500732	6.3636919022	0.012548382
11-ท.ท.-24 06:00:00	0.056772031	27.81775909	6.978378773	1145.821533		0.010830889
11-ท.ท.-24 07:00:00	0.051266313	27.35093307	6.947685719	1147.142334		0.009113397
11-ท.ท.-24 08:00:00	0.045760594	27.71759224	6.933906555	1148.463013		0.007395904
11-ท.ท.-24 09:00:00	0.040254876	28.85308838	6.920127869	1149.783813		0.005678411
11-ท.ท.-24 10:00:00	0.034749158	30.73828125	6.906348705	1151.104614		0.003960918
11-ท.ท.-24 11:00:00	0.029243439	33.3469009	6.892570019	1152.425293		0.002243425
11-ท.ท.-24 12:00:00	0.025514197	35.82795334	6.885520458	1152.488647		0.000525932
11-ท.ท.-24 13:00:00	0.02516586	38.03417206	6.879981518	1151.927246		0.001337468
11-ท.ท.-24 14:00:00	0.024817524	38.06440353	6.862273216	1151.365845		0.003062129
11-ท.ท.-24 15:00:00	0.024469187	37.63367081	6.840139389	1150.804321		0.004786789
11-ท.ท.-24 16:00:00	0.02412085	37.34764099	6.831869125	1150.24292		0.006511449
11-ท.ท.-24 17:00:00	0.023772513	36.76264191	6.840637207	1149.681396		0.00823611
11-ท.ท.-24 18:00:00	0.023424176	35.58515549	6.82243824	1149.119995		0.00996077
11-ท.ท.-24 19:00:00	0.02307584	34.05807819	6.810590267	1148.558594		0.01168543
11-ท.ท.-24 20:00:00	0.027469875	32.53927231	6.798742294	1143.457886		0.01341009
11-ท.ท.-24 21:00:00	0.036502302	30.40444565	7.095591545	1077.245361		0.031885095
11-ท.ท.-24 22:00:00	47.39682388	30.45401764	7.324885845	1077.647949	7.866147518	0.0

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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
13-n.ท.-24 20:00:00	0.056831252	32.24114609	6.946513176	1028.952148		0.025225131
13-n.ท.-24 21:00:00	47.99484253	30.7326832771	949.0695801	-0.024263971	5.756314278	
13-n.ท.-24 22:00:00	48.45000076	30.84531593	7.607411385	943.5578491	9.871875763	-0.023208212
13-n.ท.-24 23:00:00	47.53039932	30.74383163	7.611802578	944.5453491	9.189118385	-0.022341654
14-n.ท.-24 00:00:00	47.74322891	30.64234924	7.530375004	945.7327881	8.899741173	-0.021496084
14-n.ท.-24 01:00:00	48.70654297	30.54086494	7.44894743	946.9202881	8.766098022	-0.02284712
14-n.ท.-24 02:00:00	48.49490356	30.43938065	7.367519855	948.1077271	8.955519676	-0.024198156
14-n.ท.-24 03:00:00	0.004705262	28.99898529	7.143049717	949.295166	6.979038715	-0.025549194
14-n.ท.-24 04:00:00	0.007356769	28.11257553	7.017562866	950.482666	5.052994251	-0.02690023
14-n.ท.-24 05:00:00	0.010008276	27.63970375	6.964574337	951.670105		-0.028251266
14-n.ท.-24 06:00:00	0.012659782	27.24544144	6.953285217	954.8406372		-0.029602302
14-n.ท.-24 07:00:00	0.015311288	27.24976921	6.941996574	958.3126221		-0.03095334
14-n.ท.-24 08:00:00	0.017962795	28.08660889	6.930707455	961.7845459		-0.031188417
14-n.ท.-24 09:00:00	0.0206143	29.5494957	6.919418335	965.2564697		-0.027110394
14-n.ท.-24 10:00:00	0.023265807	33.98108006	6.908129692	966.3496704		-0.023032369
14-n.ท.-24 11:00:00	0.023878971	35.59586716	6.902473927	965.6947021		-0.018954346
14-n.ท.-24 12:00:00	0.023995757	39.09310532	6.89812994	965.0396729		-0.014876321
14-n.ท.-24 13:00:00	0.024112543	39.81171036	6.893785954	964.3847046		-0.010798297
14-n.ท.-24 14:00:00	0.024229329		6.889442444	963.7296753		-0.006720273
14-n.ท.-24 15:00:00	0.02346115		6.885098457	963.074707		-0.002642249
14-n.ท.-24 16:00:00	0.024462901	39.76551437	6.885063171	962.4196777		0.000690201
14-n.ท.-24 17:00:00	0.024579687	38.57842255	6.889482021	961.7647095		0.002719342
14-n.ท.-24 18:00:00	0.024696473	36.68131638	6.893901348	962.5182495		0.004748485
14-n.ท.-24 19:00:00	0.036840066	35.11668777	6.898320198	964.255188		0.006777626
14-n.ท.-24 20:00:00	0.049488392	33.55205365	6.902739048	965.9920654		0.008806769
14-n.ท.-24 21:00:00	47.29302216	31.67500305	7.420788765	980.439209	10.4667244	0.01083591
14-n.ท.-24 22:00:00	48.44737102	31.75894737	8.172084808	995.0406494	12.90056992	0.012865053
14-n.ท.-24 23:00:00	0.074860565	31.61166573	8.21232643	997.0799561	11.28678989	0.014894194
15-n.ท.-24 00:00:00	0.081422798	31.26909065	8.180561066	999.1192627	10.5162611	0.01811046
15-n.ท.-24 01:00:00	81.87080383	30.88667107	8.053915977	1001.158569	10.3989824	0.022425033
15-n.ท.-24 02:00:00	47.47041702	30.62005997	7.927270412	1003.197876	10.12975883	0.026739608
15-n.ท.-24 03:00:00	46.52606583	30.35591316	7.800625324	1005.237181	9.747524261	0.031054182
15-n.ท.-24 04:00:00	0.036497824	30.09176826	7.670288086	1005.963257	9.309555054	0.035368755
15-n.ท.-24 05:00:00	0.038739968	29.0818882	7.353874207	1006.04895	7.863410473	0.039683331
15-n.ท.-24 06:00:00	0.040982109	28.06150818	7.205405235	1006.134705	5.928981781	0.043997902
15-n.ท.-24 07:00:00	0.043224253	27.55028343	7.125317574	1006.220398	4.708946228	0.048312478
15-n.ท.-24 08:00:00	0.045466393	27.07868767	7.097527027	1006.360691	3.175882101	0.04669619
15-n.ท.-24 09:00:00	0.047708537	27.25295258	7.069736004	1006.391846		0.042151222
15-n.ท.-24 10:00:00	0.049950678	27.50794601	7.060589314	1006.477539		0.037606247
15-n.ท.-24 11:00:00	0.052192822	28.78556633	7.0561239243	1006.563227		0.033061277
15-n.ท.-24 12:00:00	0.053031836	30.42006111	7.061889172	1006.24292		0.028516306
15-n.ท.-24 13:00:00	0.048484242	31.61849213	7.062539101	1005.835632		0.023971334
15-n.ท.-24 14:00:00	0.043864649	32.42910004	7.06318903	1005.428345		0.019426364
15-n.ท.-24 15:00:00	0.039281055	32.76770782	7.063838959	1005.021057		0.014881393
15-n.ท.-24 16:00:00	0.034697462	32.55034637	7.064488888	1004.61377		144.8049164
15-n.ท.-24 17:00:00	0.030113868	31.6831466	7.065138817	1004.206482		114.9512482
15-n.ท.-24 18:00:00	0.02530275	30.57329941	7.056582928	1003.799194		131.3921381
15-n.ท.-24 19:00:00	0.020946681	29.57027817	7.045883179	1003.391968		126.1884995
15-n.ท.-24 20:00:00	0.022974286	28.77130318	7.03518343	1006.193054		124.618965
15-n.ท.-24 21:00:00	0.036769725	31.19192886	7.122442245	1114.424316	8.222613335	140.6684418
15-n.ท.-24 22:00:00	45.97580338	31.44696236	7.21576443	1141.01001	9.442047119	125.3680753
15-n.ท.-24 23:00:00	47.20940399	31.51643181	7.275104523	1150.276245	8.220831871	114.6763199
16-n.ท.-24 00:00:00	47.74796677	31.541502	7.264917374	1152.605103	7.644100189	135.8442835
16-n.ท.-24 01:00:00	48.32646561	31.56657219	7.254729748	1150.722046	7.792421818	124.5184348
16-n.ท.-24 02:00:00	48.94460297	31.59164238	7.244542599	1148.839111	8.143997192	117.0486456
16-n.ท.-24 03:00:00	90.00170517	31.61671257	7.247136593	1146.950055	8.560774803	138.779884
16-n.ท.-24 04:00:00	51.07627106	31.64178467	7.250384331	1145.072998	8.595511436	127.8180867
16-n.ท.-24 05:00:00	51.9506871	31.66685486	7.253631592	1143.19063	8.691842079	118.5785675
16-n.ท.-24 06:00:00	52.21333694	31.69192505	7.256878853	1141.307007	8.7992329	140.6945894
16-n.ท.-24 07:00:00	52.4859848	31.65377045	7.260126114	1139.42395	9.071533203	120.985438
16-n.ท.-24 08:00:00	52.45214844	31.61324692	7.263373852	1138.591553	9.32209778	117.5272293
16-n.ท.-24 09:00:00	52.336139	31.57272148	7.06978941	1138.215332	7.238478111	124.6884717
16-n.ท.-24 10:00:00	0.08343124	32.21328735	7.02906847	1137.839111	4.683894634	136.1686058
16-n.ท.-24 11:00:00	0.075150102	34.11198425	6.98834753	1137.462891	2.128391266	118.5670078
16-n.ท.-24 12:00:00	0.067057088	33.36610794	6.955098629	1137.086548		121.6388855
16-n.ท.-24 13:00:00	0.05896407	30.41698265	6.961984634	1136.710327		122.006424
16-n.ท.-24 14:00:00	0.050871056	30.69536972	6.968871117	1136.397411		120.7800925
16-n.ท.-24 15:00:00	0.042778037	33.40300751	6.973752022	1136.640869		123.351477
16-n.ท.-24 16:00:00	0.035399694	33.34584427	6.978406906	1128.72876		115.7065964
16-n.ท.-24 17:00:00	0.03547468	32.93218231	6.98306179	1128.59082		123.4274902
16-n.ท.-24 18:00:00	0.035549667	31.9681797	6.987717152	1128.452881		116.9336472
16-n.ท.-24 19:00:00	0.035624653	30.75765419	6.992372036	1128.314941		127.7889116
16-n.ท.-24 20:00:00	0.035699639	29.72609138	6.99702692	1128.177124		130.5097198
16-n.ท.-24 21:00:00	0.035774626	28.93989182	7.001681805	1128.039185		124.0484559
16-n.ท.-24 22:00:00	0.035849608	31.2446804	7.38530302	1042.68726	7.792274475	115.682947
16-n.ท.-24 23:00:00	47.81560516	31.19582367	7.885527611	1006.664795	11.77635288	124.0883318
17-n.ท.-24 00:00:00	48.76929092	31.14696884	7.931429863	997.8248901	11.10936642	98.04042053

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
17-n.ท.-24 01:00:00	47.89066315	31.09811401	7.853317738	997.1188354	10.39142036	121.624733
17-n.ท.-24 02:00:00	48.7351265	31.04925728	7.771550655	996.4172808	9.871623993	117.0135651
17-n.ท.-24 03:00:00	49.36147308	31.00040245	7.689783573	995.7067261	9.687170982	127.1186871
17-n.ท.-24 04:00:00	50.35506439	30.95154762	7.608016491	995.0006714	9.846709251	120.7925644
17-n.ท.-24 05:00:00	50.54086304	30.90269279	7.526249886	994.2946167	9.610315323	120.8706395
17-n.ท.-24 06:00:00	51.02274704	30.84565735	7.444482803	993.588562	9.081945419	124.3005219
17-n.ท.-24 07:00:00	51.27991867	30.77039146	7.353132725	992.8825073	9.510508537	122.7580447
17-n.ท.-24 08:00:00	0.0525475	30.69512749	7.046106339	993.4454956	7.569419384	117.1138
17-n.ท.-24 09:00:00	0.057159942	31.61575317	6.966221809	994.5706787	5.010293961	92.9724884
17-n.ท.-24 10:00:00	0.061772384	32.53652191	6.931974888	995.6958008	2.417183695	124.6684369
17-n.ท.-24 11:00:00	0.06638483	36.52870941	6.936559677	996.8209229	2.417183695	123.787941
17-n.ท.-24 12:00:00	0.070997268	38.9525795	6.941144466	997.9460449	2.417183695	110.1539688
17-n.ท.-24 13:00:00	0.075609714		6.945729733	999.071167	2.417183695	120.290657
17-n.ท.-24 14:00:00	0.08022216		6.950314522	1000.196289	2.417183695	118.7609177
17-n.ท.-24 15:00:00	0.084834598		6.954899311	1001.321411	2.417183695	115.2176437
17-n.ท.-24 16:00:00	0.079577833		6.9594841	1000.864075	2.417183695	117.401329
17-n.ท.-24 17:00:00	0.077629081	37.56562424	6.963988304	999.772522	2.417183695	127.7882402
17-n.ท.-24 18:00:00	0.065806329	35.49881363	6.968457699	998.6809692	2.417183695	121.9824905
17-n.ท.-24 19:00:00	0.058920573	33.27757337	6.972927094	997.5894165	2.417183695	123.5663152
17-n.ท.-24 20:00:00	0.052034821	29.38114929	6.977396488	996.4978638	2.417183695	126.4111374
17-n.ท.-24 21:00:00	0.045149069	31.93395996	7.471934795	1038.855713	10.16504955	116.3090439
17-n.ท.-24 22:00:00	47.46942902	32.02057648	7.655731678	1047.339966	11.09720707	104.4068222
17-n.ท.-24 23:00:00	48.69145584	31.91688156	7.6404953	1046.769043	10.89715481	119.8224106
18-n.ท.-24 00:00:00	48.16362762	31.81318855	7.601603985	1046.19812	10.38213348	113.1670685
18-n.ท.-24 01:00:00	49.25928879	31.70949364	7.546941757	1045.627197	9.838448524	110.8105301
18-n.ท.-24 02:00:00	49.7648468	31.60579872	7.42927953	1045.056152	9.970616341	116.4488602
18-n.ท.-24 03:00:00	50.28673553	31.50210381	7.437617779	1044.485229	9.40691185	116.0087738
18-n.ท.-24 04:00:00	50.90681458	31.3984108	7.382955551	1043.914307	9.411631584	110.3837814
18-n.ท.-24 05:00:00	0.023766616	31.27692795	7.35026776	1043.343262	9.55229881	115.6356354
18-n.ท.-24 06:00:00	-0.01704567	29.95107079	7.18021221	1043.15185	7.871067524	118.2882736
18-n.ท.-24 07:00:00	-0.01158895	28.9732925	7.060769081	1043.053467	6.296764266	118.125335
18-n.ท.-24 08:00:00	-0.006132116	28.78440475	7.04237318	1042.9552	4.684753895	121.9934921
18-n.ท.-24 09:00:00	-0.000675337	29.07807541	7.02397728	1042.856934	2.102862597	119.244873
18-n.ท.-24 10:00:00	0.004781442	31.39694023	7.202914238	972.7637329	5.450274944	119.5428586
18-n.ท.-24 11:00:00	0.010238221	32.81053543	6.970710278	972.1348877	3.924042702	114.4729767
18-n.ท.-24 12:00:00	0.015695	34.80168533	6.933140278	971.5060425	3.924042702	110.770645
18-n.ท.-24 13:00:00	0.020983268	36.52269363	6.956283569	970.8771362	3.924042702	108.2452164
18-n.ท.-24 14:00:00	0.02524761	31.5332756	6.979426861	970.1254883	3.924042702	106.3940726
18-n.ท.-24 15:00:00	0.024066284	29.21394348	6.991469586	969.1617432	3.924042702	106.1346275
18-n.ท.-24 16:00:00	0.025607808	28.20838737	6.996893134	968.1973977	3.924042702	104.46512564
18-n.ท.-24 17:00:00	0.027149331	28.26605362	7.001915923	967.2341919	3.924042702	104.34590592
18-n.ท.-24 18:00:00	0.028690854	28.378582	7.007139368	966.2704468	3.924042702	104.3765454
18-n.ท.-24 19:00:00	0.030232377	28.17243004	7.01326248	965.3066406	3.924042702	104.3765454
18-n.ท.-24 20:00:00	0.031773902	27.96627808	7.017585278	964.3428955	3.924042702	104.3765454
18-n.ท.-24 21:00:00	0.02437557	31.11634064	7.448987484	902.6193848	12.17520618	101018474
18-n.ท.-24 22:00:00	48.06690979	31.0389328	7.573934078	898.234375	11.73496437	0.0399991
18-n.ท.-24 23:00:00	48.1717455	30.93607903	7.534875232	899.098877	10.66280876	0.010281328
18-n.ท.-24 00:00:00	47.8204155	30.83225725	7.457745552	899.7853394	10.64413357	0.008569325
19-n.ท.-24 01:00:00	48.37635803	30.73037148	7.38061857	900.5608521	10.54208755	0.0068573
19-n.ท.-24 02:00:00	48.91276932	30.6275177	7.304391957	901.3363037	10.15466213	0.00514533
19-n.ท.-24 03:00:00	0.07403966	30.19434357	7.164750099	902.1118164	8.473195007	0.003433331
19-n.ท.-24 04:00:00	0.028317492	28.97321892	7.005042046	902.8872681	6.272146722	0.001721332
19-n.ท.-24 05:00:00	0.031064752	28.22317123	6.950314522	903.6627808	3.893794475	9.32939e-06
19-n.ท.-24 06:00:00	0.033812013	27.77693367	6.955780983	904.43573	3.074480057	-0.001702666
19-n.ท.-24 07:00:00	0.036559269	27.64378548	6.961246967	905.2086182	-0.003232581	-0.003232581
19-n.ท.-24 08:00:00	0.039306529	27.99535942	6.966713428	905.9815674	-0.004678111	-0.004678111
19-n.ท.-24 09:00:00	0.042053789	28.30996323	6.97217989	906.7544556	-0.006123641	-0.006123641
19-n.ท.-24 10:00:00	0.044801045	29.58341789	6.97766351	907.5273438	-0.007569177	-0.007569177
19-n.ท.-24 11:00:00	0.047548305	30.67395592	6.983112812	908.300293	-0.009014701	-0.009014701
19-n.ท.-24 12:00:00	0.049421825	30.56201363	6.87512207	917.0561371	-0.010460231	-0.010460231
19-n.ท.-24 13:00:00	0.047403291	30.75352669	6.82624419	185.5804443	-0.011905761	-0.011905761
19-n.ท.-24 14:00:00	0.045384757	29.4210968	6.827997208	194.1047668	-0.013351229	-0.013351229
19-n.ท.-24 15:00:00	0.04336622	30.22035789	6.826275826	202.6290894	-0.014658399	-0.014658399
19-n.ท.-24 16:00:00	0.041347686	30.86479568	6.824553967	211.1534119	-0.01721787	-0.01721787
19-n.ท.-24 17:00:00	0.039329149	30.7016449	6.822832108	219.6777344	-0.01721787	-0.01721787
19-n.ท.-24 18:00:00	0.037310615	30.3074661	6.821110249	228.2020569	-0.018497501	-0.018497501
19-n.ท.-24 19:00:00	0.035292082	29.26230431	6.856127739	890.3618164	7.336802959	-0.019772015
19-n.ท.-24 20:00:00	0.034164593	28.46374893	6.868700027	906.867981	6.455493927	-0.021056902
19-n.ท.-24 21:00:00	0.034786116	27.7632103	6.881271839	916.4370728	6.427669525	-0.022336602
19-n.ท.-24 22:00:00	0.03540764	27.22670174	6.893843651	924.1016846	5.940655231	-0.023616301
19-n.ท.-24 23:00:00	0.036029164	26.90714645	6.89686066	924.7086792	5.635204315	-0.022882944
20-n.ท.-24 00:00:00	0.036650684	26.5875917	6.889663219	925.3156128	4.950674057	-0.022112124
20-n.ท.-24 01:00:00	0.037227207	26.41200829	6.892697675	925.9226074	8.009440422	-0.021359595
20-n.ท.-24 02:00:00	0.037893731	26.27431297	6.890586647	926.529541	8.016264915	-0.020597855
20-n.ท.-24 03:00:00	0.038515255	26.13661957	6.912715897	927.1365356	6.354733995	-0.019836158
20-n.ท.-24 04:00:00	0.039864592	25.98982616	6.781463623	927.7434692	4.151914597	-0.019074462
20-n.ท.-24 05:00:00	0.041962292	25.9167614	6.717111349	928.3504639	2.85849882	-0.018121765

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
20 ก.ค.-24 06:00:00	0.044059996	25.45509529	6.761959076	929.2683105		0.017685357
20 ก.ค.-24 07:00:00	0.046157695	26.01908684	6.752321121	930.7167969		-0.017853321
20 ก.ค.-24 08:00:00	0.048255399	27.20594217	6.745387554	932.1652222		-0.018021289
20 ก.ค.-24 09:00:00	0.050353099	29.27322195	6.738543987	933.6137085		-0.018189255
20 ก.ค.-24 10:00:00	0.052450802	30.53551292	6.738149166	935.0621948		-0.018357221
20 ก.ค.-24 11:00:00	0.054548502	34.64210892	6.73989077	936.5106812		-0.018525189
20 ก.ค.-24 12:00:00	0.052692577	36.66717529	6.739812374	937.9591064		-0.018693155
20 ก.ค.-24 13:00:00	0.048707709	37.35345078	6.740643501	939.4075928		-0.018861121
20 ก.ค.-24 14:00:00	0.044722844	37.36127853	6.741475105	940.6347656		-0.02011933
20 ก.ค.-24 15:00:00	0.040737975	36.90270996	6.742306709	941.6628418		-0.023904845
20 ก.ค.-24 16:00:00	0.036753111	35.6649307	6.743138313	942.690918		-0.027690358
20 ก.ค.-24 17:00:00	0.032768246	31.28588295	6.746051788	943.7189331		-0.031475872
20 ก.ค.-24 18:00:00	0.028783377	28.96445084	6.755400658	944.7470093		-0.035261389
20 ก.ค.-24 19:00:00	0.024798512	27.02817345	6.764750004	945.7750004		-0.039046902
20 ก.ค.-24 20:00:00	0.040968686	26.44015121	6.77409935	946.8031006		-0.042832416
20 ก.ค.-24 21:00:00	0.057451688	31.65145874	7.056413651	947.386597	8.869974136	
20 ก.ค.-24 22:00:00	48.25112152	32.17818832	7.344804287	1106.188599	12.17565572	
20 ก.ค.-24 23:00:00	48.67008209	32.10113144	7.379773617	1106.384399	12.42010784	
21 ก.ค.-24 00:00:00	48.2756992	32.02407455	7.408421516	1106.580078	12.18280029	
21 ก.ค.-24 01:00:00	48.7946793	31.94701576	7.406387329	1106.775879	12.34421539	
21 ก.ค.-24 02:00:00	48.6685158	31.86995697	7.404353142	1106.971558	12.79649557	
21 ก.ค.-24 03:00:00	48.58120346	31.79290069	7.402318954	1107.167236	12.80411243	
21 ก.ค.-24 04:00:00	50.18619919	31.72904587	7.400284767	1107.113647	12.46730614	
21 ก.ค.-24 05:00:00	50.62368393	31.67563629	7.39825058	1106.924072	12.8911972	
21 ก.ค.-24 06:00:00	50.86814499	31.62226272	7.396216393	1106.734497	12.79790878	
21 ก.ค.-24 07:00:00	51.42195511	31.56881714	7.394181728	1106.544922	12.16389275	
21 ก.ค.-24 08:00:00	51.49689484	31.51540576	7.391003132	1106.355347	12.98930264	
21 ก.ค.-24 09:00:00	51.84779739	31.46199799	7.385402203	1106.165771	13.5867033	
21 ก.ค.-24 10:00:00	0.021944972	32.88394165	7.275214195	1105.976196	9.6291008	0.01476985
21 ก.ค.-24 11:00:00	0.023964427	34.0336151	7.242525827	1105.786621	8.382096291	0.020134568
21 ก.ค.-24 12:00:00	0.025983885	34.94571686	7.209291458	1105.720703	7.478247643	0.025499284
21 ก.ค.-24 13:00:00	0.028003342	33.86296844	7.176330566	1105.686523	6.660671234	0.030864002
21 ก.ค.-24 14:00:00	0.030022798	35.32765579	7.143369198	1104.289063	5.763002872	0.031564686
21 ก.ค.-24 15:00:00	0.032042257	36.4739418	7.110407829	1101.819092	4.856899738	0.030790295
21 ก.ค.-24 16:00:00	0.034061711	33.89318085	7.043684959	1100.900146	3.389074802	0.030015904
21 ก.ค.-24 17:00:00	0.036081169	29.29234886	6.905659199	1100.581909	3.055803776	
21 ก.ค.-24 18:00:00	0.036738269	27.79911995	6.89330097	1100.263672	0.028467122	
21 ก.ค.-24 19:00:00	0.037178192	26.08507538	6.881001472	1099.945435	0.027692731	
21 ก.ค.-24 20:00:00	0.037618112	25.72594452	6.868672371	1099.627319	0.02691834	
21 ก.ค.-24 21:00:00	0.038058035	24.77873421	6.856343746	1099.309082	0.026143949	
21 ก.ค.-24 22:00:00	0.038497958	24.79360771	6.844543934	1098.990485	0.026006722	
21 ก.ค.-24 23:00:00	0.038937878	24.80847931	6.837738991	1098.672607	0.026006722	
22 ก.ค.-24 00:00:00	0.039377801	24.78238488	6.830933571	1098.85437	0.026006722	
22 ก.ค.-24 01:00:00	0.039786469	24.74031447	6.824128151	1099.104736	0.026006722	
22 ก.ค.-24 02:00:00	0.038349488	24.83594704	6.817323208	1099.355225	0.026006722	
22 ก.ค.-24 03:00:00	0.036913227	24.94319725	6.810517788	1099.605713	0.026006722	
22 ก.ค.-24 04:00:00	0.035476606	25.05044556	6.803712845	1099.856079	0.026006722	
22 ก.ค.-24 05:00:00	0.034039985	25.15769577	6.796907425	1100.106567	0.026006722	
22 ก.ค.-24 06:00:00	0.032603364	25.26494408	6.780691147	1100.356934	0.026006722	
22 ก.ค.-24 07:00:00	0.031166742	25.67531586	6.761361599	1100.667603	0.026006722	
22 ก.ค.-24 08:00:00	0.029730121	26.86262321	6.742032051	1102.585449	0.026006722	
22 ก.ค.-24 09:00:00	0.029130565	28.45339966	6.737206936	1104.503174	0.026006722	
22 ก.ค.-24 10:00:00	0.032594111	31.15491104	6.73686552	1108.3015518	0.026006722	
22 ก.ค.-24 11:00:00	0.036057658	35.32867813	6.736524105	1108.338623	0.026006722	
22 ก.ค.-24 12:00:00	0.039521206	37.2856102	6.736182213	1110.256348	0.026006722	
22 ก.ค.-24 13:00:00	0.042984754	38.91423035	6.735840797	1112.174072	0.026006722	
22 ก.ค.-24 14:00:00	0.046448298	38.1656723	6.735499382	1114.091797	0.026006722	
22 ก.ค.-24 15:00:00	0.049911845	38.21534729	6.735157967	1115.625977	0.026006722	
22 ก.ค.-24 16:00:00	0.053375393	38.07915497	6.734816551	1115.497803	0.026006722	
22 ก.ค.-24 17:00:00	0.054418586	36.24427795	6.740724564	1115.369623	0.026006722	
22 ก.ค.-24 18:00:00	0.050434727	32.70256042	6.75945	1115.241455	0.026006722	
22 ก.ค.-24 19:00:00	0.046195872	30.81754875	6.734958172	1115.113287	0.026006722	
22 ก.ค.-24 20:00:00	0.042467017	29.45862576	6.710436344	1114.985107	0.026006722	
22 ก.ค.-24 21:00:00	0.038483161	30.65183067	6.681788254	1108.084473	7.525435925	0.026006722
22 ก.ค.-24 22:00:00	47.67353821	31.87708855	6.614923706	1105.830568	920.7035599	
22 ก.ค.-24 23:00:00	48.33102798	31.83161545	7.38667345	959.5393066	116.78658485	
23 ก.ค.-24 00:00:00	48.02842331	31.78139305	7.58726427	933.184662	115.9061227	
23 ก.ค.-24 01:00:00	48.44632339	31.73117065	7.399695873	953.6331787	17.7688961	
23 ก.ค.-24 02:00:00	50.29856491	31.68094465	7.406206608	953.6801758	116.106415	
23 ก.ค.-24 03:00:00	50.53665161	31.63072395	7.394506454	951.7271118	16.85777855	
23 ก.ค.-24 04:00:00	50.41929626	31.58050156	7.44329224	949.7740479	117.4132462	
23 ก.ค.-24 05:00:00	50.65428162	31.53027916	7.368906498	947.8210449	115.986262	
23 ก.ค.-24 06:00:00	51.26507187	31.45045471	7.356106281	946.2554321	123.2726288	
23 ก.ค.-24 07:00:00	-0.092092879	31.19323123	7.343306065	946.2669678	16.82934952	
23 ก.ค.-24 08:00:00	-0.088296458	30.91527939	7.287775993	946.2784424	116.0672455	
23 ก.ค.-24 09:00:00	-0.070913523	30.98392487	7.224622726	946.289978	120.9301071	
23 ก.ค.-24 10:00:00	-0.053530592	31.74697685	7.175095558	946.3014526	8.63975276	

July-24

*Remark
Copy ค่าตรวจค่า PI ตรวจวัดเป็น value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
23-n.n.-24 11:00:00	-0.036147658	34.41220474	7.150721073	946.3129272	6.603022099	123.1283139
23-n.n.-24 12:00:00	-0.018764725	35.47473145	7.126346588	946.3244629	4.726201057	123.5264926
23-n.n.-24 13:00:00	-0.001381792	34.95053482	7.103938103	932.2446899	3.197433233	117.802565
23-n.n.-24 14:00:00	0.016001143	34.48355103	7.074233055	949.979126	2.431434155	125.2765002
23-n.n.-24 15:00:00	0.031203929	33.94231796	7.0108428	948.9515381		115.856514
23-n.n.-24 16:00:00	0.032731809	30.98079109	6.877772808	947.9239502		111.8718948
23-n.n.-24 17:00:00	0.034259688	27.95921707	6.840213776	946.8963013		108.3437347
23-n.n.-24 18:00:00	0.035787567	26.76178169	6.831720829	945.8687134		115.5727081
23-n.n.-24 19:00:00	0.037315443	30.67731667	6.795016289	860.6542358	14.99948788	121.8322296
23-n.n.-24 20:00:00	0.479784071	30.9929409	8.189887047	820.769043	19.62703514	108.4880066
23-n.n.-24 21:00:00	0.028462619	30.95525742	8.223898888	816.9221802	19.05311584	0.117217787
23-n.n.-24 22:00:00	35.3491562	30.91757393	7.568757534	813.0753174	8.11503029	0.105266877
23-n.n.-24 23:00:00	49.06510544	30.87988853	7.316336155	809.2284546	13.89930248	0.093315959
24-n.n.-24 00:00:00	48.7230835	30.84220505	7.248912334	805.3815918	13.50741196	0.081365049
24-n.n.-24 01:00:00	49.69530869	30.80452156	7.237603188	801.534729	12.86494923	0.069414131
24-n.n.-24 02:00:00	50.50923157	30.76683617	7.2306633	797.6878052	12.96633816	0.057463221
24-n.n.-24 03:00:00	50.86262131	30.78365517	7.223723412	793.8409424	12.92240047	0.045512307
24-n.n.-24 04:00:00	51.57662582	30.81170464	7.216783524	791.3782959	12.66936111	0.033561397
24-n.n.-24 05:00:00	52.02238083	30.8397541	7.209843636	790.3292998	12.63049889	0.024798322
24-n.n.-24 06:00:00	52.96552277	30.86780357	7.202903748	789.2677612	12.85642052	0.021163365
24-n.n.-24 07:00:00	52.98861313	30.89585304	7.195963383	788.2125244	12.57871628	0.017528407
24-n.n.-24 08:00:00	53.08491135	30.9239006	7.189269543	787.1572876	12.69646549	0.01389345
24-n.n.-24 09:00:00	53.0565979	30.95195007	7.185327053	786.1020508	11.41921139	0.010258492
24-n.n.-24 10:00:00	-0.11860476	31.90078735	7.123639584	785.046814	10.54811764	0.00623534
24-n.n.-24 11:00:00	-0.05222746	34.67495346	6.9680686	783.9915161	7.431657791	0.002988576
24-n.n.-24 12:00:00	0.007405559	36.7698288	6.906315804	783.493472	5.451965809	-0.000646382
24-n.n.-24 13:00:00	0.018511714	37.04225922	6.888294697	783.5202337	4.636237621	0.001689828
24-n.n.-24 14:00:00	0.016875803	37.65449905	6.870274657	783.5507813	3.84922218	-0.000503228
24-n.n.-24 15:00:00	0.015239892	37.25817871	6.852253437	783.5794678	3.174900293	0.000683372
24-n.n.-24 16:00:00	0.013603891	36.45556641	6.848170757	783.6082153	2.791049525	0.001869972
24-n.n.-24 17:00:00	0.01196807	34.9007225	6.850301266	783.6360919	2.786825895	0.003056572
24-n.n.-24 18:00:00	0.010332158	33.3379362	6.852431774	783.6655884	3.421981096	0.004243172
24-n.n.-24 19:00:00	0.008696247	31.30994225	6.854626283	783.6943359	3.329530001	0.005429772
24-n.n.-24 20:00:00	0.007060335	29.59745598	6.85669291	786.3881836	2.558839321	0.00616372
24-n.n.-24 21:00:00	0.047494721	31.27112444	6.892371655	812.1582031	6.258769512	0.009561685
24-n.n.-24 22:00:00	39.29053116	32.25984955	7.08930679	834.6954346	8.900945282	0.004914988
24-n.n.-24 23:00:00	49.22525024	32.20313644	7.1507934	833.6347656	10.6422744	0.003021312
25-n.n.-24 00:00:00	48.70491791	32.14642334	7.19015789	832.5741577	11.23109245	0.001551127
25-n.n.-24 01:00:00	49.02819443	32.08971024	7.202567363	831.5134888	11.38830566	0.8940605
25-n.n.-24 02:00:00	49.05477615	32.03300095	7.214969635	830.4528809	11.54499912	-0.001389245
25-n.n.-24 03:00:00	49.30244598	31.94362068	7.227375507	829.3932729	11.9599687	-0.002859431
25-n.n.-24 04:00:00	49.25332216	31.84946578	7.23978178	828.331604	12.20128345	-0.004319492
25-n.n.-24 05:00:00	49.25711442	31.75529289	7.25187217	827.2709961	11.97847462	-0.008451108
25-n.n.-24 06:00:00	49.28714747	31.661129	7.26459314	826.7609863	11.99203873	-0.013066161
25-n.n.-24 07:00:00	49.59869766	31.5669651	7.27698997	825.8634644	12.1261797	-0.017682115
25-n.n.-24 08:00:00	49.38892365	31.147280121	7.275492668	825.4659424	12.33000183	-0.022796268
25-n.n.-24 09:00:00	49.56936264	31.37863731	7.270355701	825.0684204	12.37470913	-0.026911322
25-n.n.-24 10:00:00	-0.010043286	31.94189835	7.246071329	824.6708984	8.307896614	-0.031526376
25-n.n.-24 11:00:00	-0.003238242	33.22008896	7.15789175	824.2737765	3.076237679	-0.03614429
25-n.n.-24 12:00:00	0.003566801	32.19273376	7.144807307	824.4346313		-0.040756427
25-n.n.-24 13:00:00	0.010371844	32.7320137	7.099759341	824.7054443		-0.034109589
25-n.n.-24 14:00:00	0.017176887	33.2519617	7.068589867	824.9761963		-0.027462753
25-n.n.-24 15:00:00	0.023981931	34.43762207	7.0588274	825.2469842		-0.02081914
25-n.n.-24 16:00:00	0.030786974	34.43405533	7.049065113	825.5177612		-0.014169077
25-n.n.-24 17:00:00	0.037592016	33.66075516	7.039302826	825.7885132		-0.00752224
25-n.n.-24 18:00:00	0.039425816	31.86359978	7.029540359	826.0592651		102.4121628
25-n.n.-24 19:00:00	0.036316115	29.49856186	7.01977775	826.3300781		94.17989349
25-n.n.-24 20:00:00	0.033206414	30.47273445	7.010015488	796.9950562	4.765489578	100.3537445
25-n.n.-24 21:00:00	0.030096713	31.66845894	7.127192766	748.6012573	12.24999237	109.0783081
25-n.n.-24 22:00:00	49.84049225	31.64233017	7.152192968	748.578125	12.84849262	94.92681122
25-n.n.-24 23:00:00	49.11041641	31.49644852	7.177200794	749.0350952	12.9473621	108.2411346
26-n.n.-24 00:00:00	49.0765152	31.35056686	7.173188525	749.4920654	12.5486517	107.3995819
26-n.n.-24 01:00:00	49.27322006	31.20468521	7.165389583	749.9490356	13.32450771	87.10723877
26-n.n.-24 02:00:00	49.61081314	31.05880356	7.157593727	750.4060059	13.05885029	99.8130406
26-n.n.-24 03:00:00	49.88542938	30.91292191	7.14979744	750.862915	13.0884304	110.2487335
26-n.n.-24 04:00:00	49.96658325	30.76704025	7.142001151	751.3198853	13.158041	92.54802704
26-n.n.-24 05:00:00	50.42827606	30.6211586	7.134204531	751.7209473	13.530406	101.6967163
26-n.n.-24 06:00:00	50.40180969	30.43865395	7.126409054	751.7452393	13.66467094	99.2872467
26-n.n.-24 07:00:00	50.50113297	30.22892189	7.116716682	751.7694702	13.32019234	80.26121521
26-n.n.-24 08:00:00	0.003121309	30.02208519	7.044872284	751.7937622	5.643444061	102.2696304
26-n.n.-24 09:00:00	0.008481024	29.96294975	6.988370419	751.8180542		98.77770996
26-n.n.-24 10:00:00	0.013840738	31.30766106	6.964680496	751.8422852		83.49827576
26-n.n.-24 11:00:00	0.019200452	33.3625264	6.941350937	751.8665771		102.7607727
26-n.n.-24 12:00:00	0.024560167	32.52580621	6.923230945	749.0440063		98.96741486
26-n.n.-24 13:00:00	0.029919881	33.84034729	6.916704178	752.5617065		86.11619568
26-n.n.-24 14:00:00	0.035279594	33.40579224	6.910204411	756.0794678		101.2397461
26-n.n.-24 15:00:00	0.040639311	32.53240585	6.903704643	755.7854004		106.2874504

July-24

*Remark
Copy value to column PI and write the value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
26-ก.ค.-24 16:00:00	0.041496661	30.28163147	6.897204876	755.4376221		85.14613342
26-ก.ค.-24 17:00:00	0.038852096	26.96679306	6.890705109	755.0898438		108.1307449
26-ก.ค.-24 18:00:00	0.036207531	26.75094986	6.884205818	754.7420654		103.4679489
26-ก.ค.-24 19:00:00	0.033562966	26.53510666	6.860540867	754.3943487		79.69299316
26-ก.ค.-24 20:00:00	0.030918401	30.41004944	6.837984085	737.9725342	12.76793766	102.2226257
26-ก.ค.-24 21:00:00	0.028273836	32.46570969	7.239516258	736.7247925	17.92175484	120.3777388
26-ก.ค.-24 22:00:00	0.04905701	32.60843277	7.322190762	735.4448242	19.51313019	86.7481842
26-ก.ค.-24 23:00:00	0.41277695	32.75115585	7.366497993	734.164856	20.01793861	106.8627167
27-ก.ค.-24 00:00:00	46.71273041	32.73710251	7.369530201	732.8848877	20.01899719	101.9290237
27-ก.ค.-24 01:00:00	46.89904022	32.69950867	7.366666317	731.6049805	20.01605606	78.69695282
27-ก.ค.-24 02:00:00	0.2156105	32.66191864	7.363802433	730.3250122	18.11283493	97.66467285
27-ก.ค.-24 03:00:00	50.51383972	32.6243248	7.360939026	729.0450439	20.01474762	103.309639
27-ก.ค.-24 04:00:00	50.69699478	32.58673477	7.358075142	727.7298584	11.99742889	84.50188446
27-ก.ค.-24 05:00:00	50.71824646	32.54914093	7.355211258	723.6288452	11.88732278	103.4389954
27-ก.ค.-24 06:00:00	50.81617355	32.5115509	7.352347374	719.5278931	12.6384495	124.4386353
27-ก.ค.-24 07:00:00	50.84614944	32.46418381	7.350142479	715.4269409	11.16121006	83.77379608
27-ก.ค.-24 08:00:00	51.06328964	32.41239548	7.368837357	711.3259277	10.88548946	99.63385773
27-ก.ค.-24 09:00:00	50.96710968	32.36061096	7.387532711	707.2249756	11.09756756	106.3383484
27-ก.ค.-24 10:00:00	51.14158249	32.36157608	7.406228065	705.4852905	9.622582436	85.4609375
27-ก.ค.-24 11:00:00	51.13261795	32.46170807	7.424922943	704.2084351	11.30032349	103.0556335
27-ก.ค.-24 12:00:00	51.20910263	32.56184006	7.443618298	702.9315796	11.35733891	101.7196426
27-ก.ค.-24 13:00:00	51.15359116	32.19352722	7.4646097851	701.6546631	11.40841961	83.32326508
27-ก.ค.-24 14:00:00	51.63072205	32.12469101	7.441253662	700.3778076	11.47420502	102.3108673
27-ก.ค.-24 15:00:00	-0.038814127	32.0558548	7.410475254	699.1009521	10.03250694	104.067482
27-ก.ค.-24 16:00:00	-0.028894283	32.71471024	7.014436722	697.8240356	8.731301651	81.64238739
27-ก.ค.-24 17:00:00	-0.01897444	31.13433647	6.955343723	696.5471802	7.65409708	99.10957336
27-ก.ค.-24 18:00:00	-0.009054598	30.19897079	6.95049715	698.8518066	7.550554752	100.284935
27-ก.ค.-24 19:00:00	0.000865245	29.45431137	6.945651054	701.3394775	7.074712276	83.23151398
27-ก.ค.-24 20:00:00	0.010785087	31.73702049	7.005484104	690.4522095	9.155608177	103.5877914
27-ก.ค.-24 21:00:00	0.020704931	31.67622566	664.5458374	7.129980564	9.74746418	126.2067719
27-ก.ค.-24 22:00:00	46.67554474	31.56748199	7.140317917	661.7815552	10.19790936	79.20748138
27-ก.ค.-24 23:00:00	46.42405319	31.45873642	7.150654793	9.876821518	95.1416626	95.1416626
28-ก.ค.-24 00:00:00	48.94018173	31.35081291	7.160991669	8.951943398	126.1475296	126.1475296
28-ก.ค.-24 01:00:00	46.10738754	31.30782318	7.161787987	653.4887085	9.307172775	78.43235016
28-ก.ค.-24 02:00:00	46.11943054	31.26483345	7.160178185	650.7243652	9.945500374	99.89749908
28-ก.ค.-24 03:00:00	46.38842392	31.22184372	7.158568382	647.960083	10.27067375	126.0846252
28-ก.ค.-24 04:00:00	46.76210785	31.17885208	7.15695858	645.3595581	8.919462776	78.01623535
28-ก.ค.-24 05:00:00	46.70449829	31.13586235	7.155349255	644.0690308	9.752199173	102.440506
28-ก.ค.-24 06:00:00	49.8239975	31.09287262	7.153739452	642.7784424	9.450912476	123.9552994
28-ก.ค.-24 07:00:00	49.837883	31.04980469	7.15212965	641.487915	9.632694244	80.80673981
28-ก.ค.-24 08:00:00	46.85162354	30.97903442	7.150519848	640.1973267	9.570660591	102.0683289
28-ก.ค.-24 09:00:00	49.9331665	30.90826416	7.131999969	638.9067993	9.084956169	129.5183351
28-ก.ค.-24 10:00:00	50.25881577	30.8374939	7.112616062	637.6162109	9.271767616	83.53694916
28-ก.ค.-24 11:00:00	0.152554408	33.46099854	6.872599125	636.3256836	6.363252163	98.34506989
28-ก.ค.-24 12:00:00	0.136863232	32.58645248	6.827240467	635.4887085	5.335049629	107.6719894
28-ก.ค.-24 13:00:00	0.121172071	32.23192978	6.822285513	635.9080811	5.810616493	73.70182037
28-ก.ค.-24 14:00:00	0.105480902	32.34798431	6.817336559	636.3275146	4.830487251	100.1234665
28-ก.ค.-24 15:00:00	0.089789733	33.2239418	6.812384605	636.7468872	4.243338585	125.6815509
28-ก.ค.-24 16:00:00	0.074098565	33.92241287	6.807433128	637.1663208	4.131419182	79.08322906
28-ก.ค.-24 17:00:00	0.058407396	34.25784302	6.802481174	637.5856934	3.702190399	99.61735535
28-ก.ค.-24 18:00:00	0.042716227	33.19989777	6.797529221	638.005127	3.751114607	99.29305267
28-ก.ค.-24 19:00:00	0.042614497	31.4028244	6.8323946	638.4244995	2.881630898	82.64483643
28-ก.ค.-24 20:00:00	0.044910993	31.30158997	6.993559837	717.5137329	8.944390297	98.23725128
28-ก.ค.-24 21:00:00	0.047207486	32.03424835	7.163068295	816.1700439	10.4261055	106.6521683
28-ก.ค.-24 22:00:00	50.80887985	32.15668106	7.228491783	826.1022339	10.00847626	103.9872971
28-ก.ค.-24 23:00:00	46.97461319	32.16544724	7.268569469	824.4214478	9.099538803	114.099144
29-ก.ค.-24 00:00:00	46.6470291	32.09302521	7.276484013	822.7406006	9.122119904	109.8203436
29-ก.ค.-24 01:00:00	46.97148895	32.02660318	7.283432961	821.0598145	9.435165405	80.44722748
29-ก.ค.-24 02:00:00	50.45259476	31.94817924	7.290381432	819.3789673	9.346558571	819.3069305
29-ก.ค.-24 03:00:00	50.33289337	31.87575722	7.297329903	817.6881201	9.320095062	108.9297562
29-ก.ค.-24 04:00:00	50.33910751	31.80333328	7.304278851	816.017334	9.669668190	85.0212964
29-ก.ค.-24 05:00:00	50.4118309	31.73991120	7.311122732	814.3364865	9.616384455	108.8660417
29-ก.ค.-24 06:00:00	50.3770256	31.65848923	7.318175783	814.1616982	9.570501328	108.3897934
29-ก.ค.-24 07:00:00	50.54187012	31.44422531	7.322894573	814.2590332	9.719147682	71.20075989
29-ก.ค.-24 08:00:00	0.046739351	31.21419907	7.312005997	814.3561401	9.021811485	106.7404099
29-ก.ค.-24 09:00:00	-0.030837102	30.69313431	6.995465279	814.453186	7.92173624	113.4523544
29-ก.ค.-24 10:00:00	-0.022365229	29.5559349	6.876487732	814.550293	7.462647438	0.242419124
29-ก.ค.-24 11:00:00	-0.013893357	29.66375542	6.867652893	814.6473999	6.954021454	0.2123909
29-ก.ค.-24 12:00:00	-0.005421484	30.80356216	6.873817444	799.2078247	6.182926655	0.182362661
29-ก.ค.-24 13:00:00	0.003050388	29.46073151	6.921220793	812.097229	5.726280689	0.152334437
29-ก.ค.-24 14:00:00	0.01152226	29.49471283	6.940496445	812.2565308	5.86955452	0.122306213
29-ก.ค.-24 15:00:00	0.019994132	29.82547188	6.928995132	812.4158325	5.177800179	0.092277989
29-ก.ค.-24 16:00:00	0.028000854	29.37641907	6.927062035	812.5751343	4.775302887	0.062249761
29-ก.ค.-24 17:00:00	0.027883578	29.11240959	6.927197933	812.7344346	4.830500603	0.032221533
29-ก.ค.-24 18:00:00	0.027766302	29.42817688	6.91549921	812.8937378	4.455178738	0.013177567
29-ก.ค.-24 19:00:00	0.027649025	28.27009392	6.892625809	813.0530396	4.090842247	0.019098707
29-ก.ค.-24 20:00:00	0.027531749	25.67840195	6.854401112	813.2123413	7.189308167	0.025019845

July-24

*Remark
Copy value to column PI and write the value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER	WASTE WATER D.O.	Raw water inlet flow
	FLOW			CONDUCTIVITY	mg/L	T/HR
	T/HR	DEG C	pH	uS/CM		
29-ก.ค.-24 21:00:00	0.027414473	30.91956902	7.004134655	689.2000122	9.337745667	0.030940983
29-ก.ค.-24 22:00:00	53.17135239	31.1108532	7.193990231	624.7312012	10.6113739	0.038662124
29-ก.ค.-24 23:00:00	46.44483948	30.98694992	7.21067524	612.6964722	10.53764439	0.04278326
30-ก.ค.-24 00:00:00	49.16178894	30.86304665	7.211849213	603.4212036	10.48231506	0.048704401
30-ก.ค.-24 01:00:00	49.08909607	30.73914337	7.211326599	601.1326904	10.49839783	0.054625537
30-ก.ค.-24 02:00:00	49.06048965	30.65588379	7.210803986	601.0540161	10.69196606	0.055808216
30-ก.ค.-24 03:00:00	46.32181549	30.62984848	7.210280895	600.9752808	10.60817242	0.051390935
30-ก.ค.-24 04:00:00	46.28743744	30.60381508	7.209758282	600.8965454	10.88068104	0.046973653
30-ก.ค.-24 05:00:00	46.87677383	30.57777977	7.209235668	600.8178711	10.84962749	0.042556372
30-ก.ค.-24 06:00:00	46.81356049	30.55174446	7.208713055	600.7391357	11.02457237	0.03813909
30-ก.ค.-24 07:00:00	46.62032318	30.52571106	7.207886696	600.6604614	10.76313114	0.033721808
30-ก.ค.-24 08:00:00	46.91657639	30.51070976	7.201758862	600.5593872	10.8648901	0.029304525
30-ก.ค.-24 09:00:00	50.15832138	30.51188278	7.195631504	600.4420166	11.34784222	0.024887243
30-ก.ค.-24 10:00:00	50.39	30.51	7.19	600.32	11.59	0.02
30-ก.ค.-24 11:00:00	50.02	30.51	7.18	600.21	11.49	0.02
30-ก.ค.-24 12:00:00	-0.03	31.62	7.01	600.09	3.34	0.02
30-ก.ค.-24 13:00:00	-0.02	33.34	6.95	599.97		0.02
30-ก.ค.-24 14:00:00	-0.01	34.92	6.89	599.86		0.01
30-ก.ค.-24 15:00:00	0.00	35.70	6.87	599.74		0.01
30-ก.ค.-24 16:00:00	0.01	35.87	6.88	600.76		0.01
30-ก.ค.-24 17:00:00	0.02	35.64	6.88	602.19		0.01
30-ก.ค.-24 18:00:00	0.03	34.61	6.8	603.63		0.01
30-ก.ค.-24 19:00:00	0.04	33.16	6.89	605.06		0.01
30-ก.ค.-24 20:00:00	0.04	31.51	6.90	606.50		0.01
30-ก.ค.-24 21:00:00	0.05	31.06	6.95	652.85	8.22	0.01
30-ก.ค.-24 22:00:00	46.60	31.97	7.40	733.26	13.75	0.01
30-ก.ค.-24 23:00:00	46.86	32.06	7.46	732.02	12.49	0.02
31-ก.ค.-24 00:00:00	46.92	32.10	7.48	730.78	12.34	0.02
31/7/2024 1:00	46.43	32.07	7.46	729.54	13.24	0.02
31/7/2024 2:00	46.66	32.04	7.45	728.30	13.55	0.03
31/7/2024 3:00	46.87	32.01	7.43	727.06	15.28	0.03
31/7/2024 4:00	46.88	31.97	7.41	725.82	13.90	0.03
31/7/2024 5:00	46.60	31.86	7.39	724.57	11.61	0.04
31/7/2024 6:00	46.06	31.75	7.37	723.42	6.82	0.04
31/7/2024 7:00	46.37	31.63	7.35	723.95	7.31	0.04
31/7/2024 8:00	0.04	31.00	7.05	724.49	10.11	0.05
31/7/2024 9:00	0.04	30.90	6.98	725.03	9.00	0.05
31/7/2024 10:00	0.04	32.03	6.90	725.57	7.85	0.05
31/7/2024 11:00	0.04	33.48	6.87	726.10	6.98	0.05
31/7/2024 12:00	0.04	34.51	6.86	726.64	6.41	0.05
31/7/2024 13:00	0.04	35.67	6.86	727.18	5.88	0.05
31/7/2024 14:00	0.03	35.98	6.86	727.65	5.57	0.04
31/7/2024 15:00	0.03	34.20	6.86	727.91	5.39	0.04
31/7/2024 16:00	0.04	34.39	6.85	728.16	5.04	0.04
31/7/2024 17:00	0.04	33.26	6.83	728.41	2.97	0.04
31/7/2024 18:00	0.05	31.84	6.86	728.67	2.51	0.04
31/7/2024 19:00	0.05	29.96	6.81	728.92	2.75	0.03
31/7/2024 20:00	0.05	29.06	6.78	729.17		0.03
31/7/2024 21:00	0.06	28.40	6.77	729.42		0.03
31/7/2024 22:00	0.06	31.92	7.11	618.01	7.55	0.02
31/7/2024 23:00	49.06	31.88	7.20	604.77	8.42	0.02
1/8/2024 0:00	49.29	31.80	7.25	607.67	9.63	0.02

August-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-8.24-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8.24-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
01-8.24-24 02:00:00	48.83	31.65	7.28	613.47	8.35	0.02
01-8.24-24 03:00:00	49.19	31.57	7.28	616.37	7.20	0.02
01-8.24-24 04:00:00	49.36	31.50	7.29	619.27	7.77	0.02
01-8.24-24 05:00:00	49.26	31.42	7.29	622.18	8.12	0.02
01-8.24-24 06:00:00	49.38	31.34	7.29	624.85	8.21	0.02
01-8.24-24 07:00:00	-0.02	31.16	7.28	625.62	8.89	0.02
01-8.24-24 08:00:00	-0.02	31.60	7.17	626.39	10.27	0.02
01-8.24-24 09:00:00	-0.01	32.69	7.12	627.17	15.70	0.02
01-8.24-24 10:00:00	0.00	33.32	7.09	627.94	8.92	0.03
01-8.24-24 11:00:00	0.00	34.06	7.07	628.71	11.26	0.03
01-8.24-24 12:00:00	0.01	35.22	7.04	629.48	13.04	0.03
01-8.24-24 13:00:00	0.01	36.32	7.01	630.25	19.99	0.03
01-8.24-24 14:00:00	0.02	36.74	7.00	630.91	18.85	0.04
01-8.24-24 15:00:00	0.03	36.96	6.99	631.26	12.84	0.04
01-8.24-24 16:00:00	0.03	36.49	6.97	631.60	11.01	0.04
01-8.24-24 17:00:00	0.04	34.57	6.96	631.94	10.97	0.07
01-8.24-24 18:00:00	0.04	32.76	6.95	632.29	10.81	93.04
01-8.24-24 19:00:00	0.05	31.42	6.93	632.63	10.83	79.84
01-8.24-24 20:00:00	0.06	30.59	6.87	632.98	11.00	114.47
01-8.24-24 21:00:00	0.06	29.86	6.80	633.32	11.14	77.48
01-8.24-24 22:00:00	0.07	29.44	6.80	635.04	11.18	86.92
01-8.24-24 23:00:00	0.05	32.25	7.24	637.98	10.25	105.79
02-8.24-24 00:00:00	48.94	32.20	7.36	656.63	10.31	77.75
02-8.24-24 01:00:00	49.13	32.09	7.36	667.04	10.45	74.50
02-8.24-24 02:00:00	48.68	31.95	7.36	670.36	10.29	109.30
02-8.24-24 03:00:00	49.18	31.71	7.37	672.75	10.46	81.29
02-8.24-24 04:00:00	49.15	31.46	7.37	675.14	10.31	81.88
02-8.24-24 05:00:00	49.57	31.21	7.37	677.53	10.46	108.02
02-8.24-24 06:00:00	0.05	30.42	7.23	679.93	8.90	83.37
02-8.24-24 07:00:00	0.05	29.16	7.10	682.32	8.15	84.50
02-8.24-24 08:00:00	0.05	28.41	7.07	683.16	7.64	89.12
02-8.24-24 09:00:00	0.05	29.35	7.03	683.64	7.05	77.95
02-8.24-24 10:00:00	0.05	31.55	6.97	684.12	6.48	77.10
02-8.24-24 11:00:00	0.05	31.78	7.19	668.28	9.39	83.46
02-8.24-24 12:00:00	0.05	36.02	6.96	676.07	7.89	78.77
02-8.24-24 13:00:00	0.05	37.37	6.84	682.27	7.04	81.15
02-8.24-24 14:00:00	0.04	37.59	6.80	683.24	6.09	89.83
02-8.24-24 15:00:00	0.04	36.84	6.80	684.20	5.54	79.08
02-8.24-24 16:00:00	0.04	35.77	6.81	685.17	5.04	79.58
02-8.24-24 17:00:00	0.04	34.72	6.87	686.13	4.75	89.13
02-8.24-24 18:00:00	0.04	33.75	6.91	687.10	5.04	79.98
02-8.24-24 19:00:00	0.04	32.76	6.93	688.06	4.21	79.79
02-8.24-24 20:00:00	0.03	31.48	6.92	689.03	4.49	84.70
02-8.24-24 21:00:00	0.03	30.39	6.97	688.36	3.79	78.68
02-8.24-24 22:00:00	0.04	32.32	7.21	681.88	10.38	85.73
02-8.24-24 23:00:00	49.02	32.23	7.28	689.32	10.86	104.62
03-8.24-24 00:00:00	49.41	32.15	7.28	696.76	10.95	73.04
03-8.24-24 01:00:00	49.26	32.07	7.27	702.19	11.09	78.15
03-8.24-24 02:00:00	49.06	31.99	7.27	703.59	11.05	89.54
03-8.24-24 03:00:00	49.07	31.91	7.26	704.99	11.05	82.92
03-8.24-24 04:00:00	49.35	31.82	7.26	706.38	10.96	78.89
03-8.24-24 05:00:00	49.48	31.74	7.25	707.78	10.98	98.18
03-8.24-24 06:00:00	49.62	31.61	7.25	709.18	11.17	80.29
03-8.24-24 07:00:00	0.02	31.23	7.13	710.58	8.47	83.82
03-8.24-24 08:00:00	0.03	30.74	6.98	711.98	7.51	98.30
03-8.24-24 09:00:00	0.03	31.05	6.91	712.97	6.81	82.03
03-8.24-24 10:00:00	0.04	32.93	6.86	713.52	6.14	79.82
03-8.24-24 11:00:00	0.04	34.37	6.86	714.08	5.55	99.93
03-8.24-24 12:00:00	0.05	35.95	6.85	714.64	5.20	84.94
03-8.24-24 13:00:00	0.05	39.64	6.85	715.19	4.80	84.75
03-8.24-24 14:00:00	0.06	39.96	6.84	715.75	5.35	95.36
03-8.24-24 15:00:00	0.06		6.83	716.31	5.26	94.28
03-8.24-24 16:00:00	0.06		6.83	716.86	4.95	116.81
03-8.24-24 17:00:00	0.05	38.20	6.82	717.26	4.57	101.59
03-8.24-24 18:00:00	0.05	35.69	6.82	717.56	3.98	98.28
03-8.24-24 19:00:00	0.05	33.71	6.82	717.86	8.67	117.11
03-8.24-24 20:00:00	0.05	31.99	6.81	718.17		94.18
03-8.24-24 21:00:00	0.05	30.64	6.81	718.47		99.21
03-8.24-24 22:00:00	0.04	29.67	6.80	718.78		114.37
03-8.24-24 23:00:00	0.05	32.66		688.84	19.98	92.28
04-8.24-24 00:00:00	0.06	32.24	7.68	713.32	20.02	90.41
04-8.24-24 01:00:00	0.10	31.86	8.24	703.25	19.61	114.10
04-8.24-24 02:00:00	0.04	31.66	8.21	701.16	19.09	77.81
04-8.24-24 03:00:00	48.86	31.47	7.28	702.20	19.02	76.88
04-8.24-24 04:00:00	48.10	31.34	7.35	703.25	19.13	120.02

August-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-8.24-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8.24-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
04-8.24-24 05:00:00	48.00	31.26	7.39	704.29	19.55	99.54
04-8.24-24 06:00:00	48.14	31.18	7.41	705.33	19.16	80.17
04-8.24-24 07:00:00	48.47	31.10	7.37	693.08	19.23	134.07
04-8.24-24 08:00:00	48.77	31.12	7.31	675.73	20.02	84.18
04-8.24-24 09:00:00	49.42	31.16	7.38	673.16	20.01	85.73
04-8.24-24 10:00:00	49.61	31.32	7.45	674.39	13.50	110.84
04-8.24-24 11:00:00	49.76	31.61	7.52	675.63	13.51	106.64
04-8.24-24 12:00:00	0.24	32.24	7.56	676.86	13.71	87.84
04-8.24-24 13:00:00	0.15	36.49	7.20	678.09	10.18	80.54
04-8.24-24 14:00:00	0.07	39.44	7.11	679.32	8.59	97.55
04-8.24-24 15:00:00	0.04		7.08	680.55	6.24	103.98
04-8.24-24 16:00:00	0.05		7.04	681.78	5.15	97.80
04-8.24-24 17:00:00	0.05		7.04	682.35	4.69	95.15
04-8.24-24 18:00:00	0.05	39.30	7.02	682.87	3.22	86.63
04-8.24-24 19:00:00	0.05	37.41	7.02	683.40	3.31	90.84
04-8.24-24 20:00:00	0.05	35.28	6.99	683.93	3.64	92.87
04-8.24-24 21:00:00	0.06	33.10	7.05	684.46	3.75	104.72
04-8.24-24 22:00:00	0.06	32.66	7.62	684.99	17.03	90.50
04-8.24-24 23:00:00	49.17	32.49	7.67	685.52	20.01	84.08
05-8.24-24 00:00:00	49.29	32.32	7.64	686.04	20.02	84.50
05-8.24-24 01:00:00	48.89	32.15	7.61	686.52	12.72	111.08
05-8.24-24 02:00:00	48.62	31.98	7.57	687.00	14.38	83.03
05-8.24-24 03:00:00	48.65	31.81	7.54	687.48	18.52	82.82
05-8.24-24 04:00:00	49.16	31.64	7.50	687.95	20.01	78.60
05-8.24-24 05:00:00	49.29	31.47	7.47	688.43	11.87	138.75
05-8.24-24 06:00:00	49.41	31.32	7.44	688.91	11.83	112.67
05-8.24-24 07:00:00	49.58	31.22	7.43	689.39	11.62	108.61
05-8.24-24 08:00:00	0.05	31.34	7.32	689.82	7.14	147.52
05-8.24-24 09:00:00	0.05	33.63	6.90	690.08	6.29	86.18
05-8.24-24 10:00:00	0.05	36.34	6.84	690.33	4.08	84.26
05-8.24-24 11:00:00	0.04	38.61	6.85	690.59	3.46	103.85
05-8.24-24 12:00:00	0.04	39.85	6.86	690.84	3.03	79.89
05-8.24-24 13:00:00	0.04		6.87	691.10	2.62	86.50
05-8.24-24 14:00:00	0.04		6.88	691.36	2.73	104.06
05-8.24-24 15:00:00	0.03		6.89	691.61		92.14
05-8.24-24 16:00:00	0.03		6.90	691.67		103.68
05-8.24-24 17:00:00	0.03		6.91	691.16		102.94
05-8.24-24 18:00:00	0.04	37.48	6.92	690.64	2.16	82.09
05-8.24-24 19:00:00	0.04	34.45	6.93	690.12		87.75
05-8.24-24 20:00:00	0.04	32.18	6.96	689.60	2.27	101.33
05-8.24-24 21:00:00	0.04	33.14	8.45	680.27	15.94	92.91
05-8.24-24 22:00:00	0.04	33.30		689.48	15.13	83.28
05-8.24-24 23:00:00	0.05	33.18	8.34	698.69	13.97	96.74
06-8.24-24 00:00:00	49.91	33.06	7.52	706.70	13.54	119.11
06-8.24-24 01:00:00	50.26	32.94	7.41	706.80	13.04	103.19
06-8.24-24 02:00:00	49.91	32.83	7.37	706.90	12.93	104.53
06-8.24-24 03:00:00	49.36	32.68	7.36	707.00	13.22	107.77
06-8.24-24 04:00:00	49.63	32.62	7.35	707.10	14.34	103.09
06-8.24-24 05:00:00	49.89	32.55	7.34	707.19	11.32	104.56
06-8.24-24 06:00:00	50.04	32.49	7.33	707.29	11.35	93.77
06-8.24-24 07:00:00	50.17	32.43	7.33	707.39	11.32	84.97
06-8.24-24 08:00:00	50.25	32.36	7.33	707.62	11.91	107.46
06-8.24-24 09:00:00	-0.13	32.50	7.08	708.48	11.68	98.68
06-8.24-24 10:00:00	-0.11	35.58	6.99	709.33	8.60	84.24
06-8.24-24 11:00:00		38.49	6.92	710.19	7.17	0.23
06-8.24-24 12:00:00	-0.08		6.89	711.04	5.76	61.99

August-24

*Remark
Copy ទិន្នន័យ PI ចេញពីឯកសារ value.

Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-អ.ក.-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-អ.ក.-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
07-អ.ក.-24 08:00:00	0.05	31.89	8.26	682.38	15.01	0.02
07-អ.ក.-24 09:00:00	0.05	33.51	7.85	682.87	10.32	0.02
07-អ.ក.-24 10:00:00	49.34	31.89	7.49	677.81	12.23	0.01
07-អ.ក.-24 11:00:00	49.87	31.97	7.61	677.86	16.09	0.01
07-អ.ក.-24 12:00:00	49.17	32.13	7.77	677.91	17.15	0.01
07-អ.ក.-24 13:00:00	48.73	32.32	7.92	677.96	10.03	0.00
07-អ.ក.-24 14:00:00	0.14	34.59	7.32	678.01	7.96	0.00
07-អ.ក.-24 15:00:00	-0.01	38.17	7.06	678.05	10.73	0.00
07-អ.ក.-24 16:00:00	0.00	39.56	6.98	682.34		-0.01
07-អ.ក.-24 17:00:00	0.00	39.04	6.93	688.81		-0.01
07-អ.ក.-24 18:00:00	0.01	36.17	6.79	695.28		-0.01
07-អ.ក.-24 19:00:00	0.01	33.24	6.54	701.75		0.00
07-អ.ក.-24 20:00:00	0.02	31.08		708.22		0.01
07-អ.ក.-24 21:00:00	0.02	33.01	8.22	854.96	13.08	0.01
07-អ.ក.-24 22:00:00	48.17	33.01	7.62	877.30	15.59	0.02
07-អ.ក.-24 23:00:00	48.36	32.92	7.57	881.71	11.04	0.03
08-អ.ក.-24 00:00:00	47.72	32.74	7.53	886.12	10.59	0.04
08-អ.ក.-24 01:00:00	47.76	32.57	7.48	890.53	10.59	0.04
08-អ.ក.-24 02:00:00	47.98	32.40	7.44	891.25	11.19	0.04
08-អ.ក.-24 03:00:00	48.34	32.23	7.40	890.20	14.98	0.04
08-អ.ក.-24 04:00:00	48.62	32.06	7.36	889.15	19.94	0.03
08-អ.ក.-24 05:00:00	-0.05	31.23	7.07	888.10	9.33	0.02
08-អ.ក.-24 06:00:00	-0.04	30.25		887.04	10.88	0.02
08-អ.ក.-24 07:00:00	-0.029759128	29.50695801	6.744604588	885.9920044	11.41902256	0.011394053
08-អ.ក.-24 08:00:00	-0.017151335	30.4710598	6.842645645	884.9399414	6.830170631	0.005159336
08-អ.ក.-24 09:00:00	-0.004543543	31.52505493	6.903495789	883.8878784	9.283514023	92.2024765
08-អ.ក.-24 10:00:00	0.00806425	33.98651123	6.903058529	883.883728	8.251259804	82.11407471
08-អ.ក.-24 11:00:00	0.020672042	37.10606384	6.911079407	884.2553101	7.954987526	98.38079071
08-អ.ក.-24 12:00:00	0.032559186	39.86421585	6.94071579	884.6268921	7.386705399	88.37498474
08-អ.ក.-24 13:00:00	0.032814849	6.937923431	884.9984741			104.3590012
08-អ.ក.-24 14:00:00	0.033070508	37.94993973	6.836060979	885.3700562		101.3836441
08-អ.ក.-24 15:00:00	0.033326171	35.44577026	6.703179359	885.7416382	95.07841492	93.18933105
08-អ.ក.-24 16:00:00	0.033581831	35.50839233	6.686065197	886.1132202	81.22357941	81.22357941
08-អ.ក.-24 17:00:00	0.033837494	36.28942108	6.799650192	886.4848022	94.3161087	100.5736618
08-អ.ក.-24 18:00:00	0.034093156	34.32826996	6.749481201	887.0248413		107.3024673
08-អ.ក.-24 19:00:00	0.034348816	32.45610809	6.535076141	887.5863037		91.78201294
08-អ.ក.-24 20:00:00	0.038300652	31.1631279		888.1477051		91.67770386
08-អ.ក.-24 21:00:00	48.98524857	32.36235046	7.769085407	714.5446777	10.78698444	107.6504135
08-អ.ក.-24 22:00:00	49.30429459	32.26910019	7.761780262	711.9191895	10.39539146	107.6504135
08-អ.ក.-24 23:00:00	48.81823349	32.06481934	7.659170151	713.6998291	10.29903793	93.18933105
09-អ.ក.-24 00:00:00	48.55400467	31.8605423	7.556559563	715.4805298	10.6659956	97.10597992
09-អ.ក.-24 01:00:00	0.049566634	30.89157104	7.238687992	717.2611694	96.84095764	99.06034851
09-អ.ក.-24 02:00:00	0.045116242	29.8479805		719.0418091		90.07406616
09-អ.ក.-24 03:00:00	0.040665846	29.12536621	7.12393713	720.8224487		100.3721161
09-អ.ក.-24 04:00:00	0.036215454	28.5734787	7.200408936	722.6031494		94.3164978
09-អ.ក.-24 05:00:00	0.031765059	28.02158928	7.162567616	723.444458		108.4913864
09-អ.ក.-24 06:00:00	0.027314667	27.59348106	6.999377728	723.3823853		104.7875977
09-អ.ក.-24 07:00:00	0.022864275	27.56253433	7.140315056	723.3202515		99.44410706
09-អ.ក.-24 08:00:00	0.019842885	27.07242467	7.499948025	723.2581787		96.6291199
09-អ.ក.-24 09:00:00	0.026576767	31.75154877	7.389510632	723.1960449		95.7657759
09-អ.ក.-24 10:00:00	0.033310648	34.80755234	6.937768459	723.1339722		98.09462738
09-អ.ក.-24 11:00:00	0.040044531	36.9532608	6.987051487	723.0718384		91.71095276
09-អ.ក.-24 12:00:00	0.046778411	37.87392044	6.925278799	723.0097656		93.35744476
09-អ.ក.-24 13:00:00	0.053512294	38.8875885		727.3334961		103.0173721
09-អ.ក.-24 14:00:00	0.060246177	8.420742989	7.381877535	730.8775635		103.0173721
09-អ.ក.-24 15:00:00	0.066980056	7.904851437	740.4218541			110.318541
09-អ.ក.-24 16:00:00	0.071291827	7.256497383	745.9657593			110.318541
09-អ.ក.-24 17:00:00	0.069434918	39.87155533	7.106092453	733.5098877		92.39273071
09-អ.ក.-24 18:00:00	0.06754801	36.7414093	7.054184437	760.0539551		100.3721161
09-អ.ក.-24 19:00:00	0.065721102	34.10802018	6.988220062	766.5980835		100.3721161
09-អ.ក.-24 20:00:00	0.063864194	32.27957153	7.62027245	773.1421509		103.227005
09-អ.ក.-24 21:00:00	0.062070289	30.87780571	6.727381706	777.6920776		107.086441
09-អ.ក.-24 22:00:00	0.060150381	29.81368828	7.60464668	781.8026123		105.7059937
09-អ.ក.-24 23:00:00	77.78256607	32.59034348	7.780673027	797.6956787	9.535567284	93.24195862
10-អ.ក.-24 00:00:00	48.1205864	32.91241455	7.632174492	856.3410645	11.15192509	193.0881653
10-អ.ក.-24 01:00:00	48.46632767	32.85166168	7.487802029	850.562439	11.13214874	98.45387268
10-អ.ក.-24 02:00:00	47.64419937	32.79090881	7.496012211	843.1994629	12.44617367	107.3353882
10-អ.ក.-24 03:00:00	47.69665909	32.73015213	7.560589314	835.8364868	11.05772305	97.58681488
10-អ.ក.-24 04:00:00	47.9419899	32.66939926	7.571580999	829.3557739	11.28589725	94.57196808
10-អ.ក.-24 05:00:00	48.12990189	32.60864639	7.535414219	828.6796875	12.05005646	109.939476
10-អ.ក.-24 06:00:00	48.63049316	32.54789352	7.5717060658	828.0360111	12.67660332	100.8629227
10-អ.ក.-24 07:00:00	48.76018143	32.48713684	7.667582512	827.3275146	13.86628151	103.4836044
10-អ.ក.-24 08:00:00	0.053930487	32.53521347	7.554336834	826.6514282	15.54336834	98.92964935
10-អ.ក.-24 09:00:00	48.30617905	32.60527039	7.915306091	825.9753418	9.616993904	106.2184143
10-អ.ក.-24 10:00:00	49.3866539	32.69345474	8.086455345	825.2992554	17.61721802	101.6621017

August-24

*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
01-អ.ក.-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-អ.ក.-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
10-អ.ក.-24 11:00:00	48.91199493	32.85180283	8.080421448	824.6231689	18.44987488	96.47650909
10-អ.ក.-24 12:00:00	0.12804848	33.14808655	8.178666115	824.0709835	10.98881611	98.75119781
10-អ.ក.-24 13:00:00	0.066675507	36.91296005	7.83554554	824.0760498	5.500447273	100.9302368
10-អ.ក.-24 14:00:00	0.02799697	39.3894043	7.782103062	824.0811157	4.241680145	114.9505386
10-អ.ក.-24 15:00:00	0.031983197		7.760156631	824.0861816	3.321849346	94.18505096
10-អ.ក.-24 16:00:00	0.035969421		7.71218586	824.0912476	2.39543438	87.09570313
10-អ.ក.-24 17:00:00	0.03995565		7.690139771	824.0963135		102.6348648
10-អ.ក.-24 18:00:00	0.043941874		7.577800751	824.1013794	2.014959335	102.5666809
10-អ.ក.-24 19:00:00	0.047928102	38.43893814	7.434513092	824.1064453	3.191925287	105.0953598
10-អ.ក.-24 20:00:00	0.051914327	36.67190552	7.356451035	824.5942383	3.471380234	98.99210358
10-អ.ក.-24 21:00:00	0.055900551	34.90487671	7.264224529	826.7714844	3.068110943	105.5884705
10-អ.ក.-24 22:00:00	0.054840412	33.52072525	7.57.7401733		20.00982857	97.23146057
10-អ.ក.-24 23:00:00	48.59670258	33.59343719	7.071633816	756.878479	20.01243782	101.0673752
11-អ.ក.-24 00:00:00	48.69834137	33.33426666	7.219116211	756.0168457	20.01504707	101.556572
11-អ.ក.-24 01:00:00	48.99378967	33.07509995	7.253781796	755.1551514	20.01765442	98.92904663
11-អ.ក.-24 02:00:00	48.07109833	32.81593323	7.305605412	754.2935181	20.02026367	106.038911
11-អ.ក.-24 03:00:00	48.13191605	32.55676651	7.357714176	753.4318237	20.02287102	109.4749527
11-អ.ក.-24 04:00:00	48.71515656	32.29759598	7.376428127	752.5701294	20.00112915	104.019104
11-អ.ក.-24 05:00:00	48.79273605	32.03842926	7.410155296	752.8494263	19.97541046	104.5757523
11-អ.ក.-24 06:00:00	50.04559708	31.77926254	7.477294922	753.6017456	9.574789047	117.8676453
11-អ.ក.-24 07:00:00	0.061292671	31.35520554	7.213372707	754.3540039		107.1625061
11-អ.ក.-24 08:00:00	0.055691991	31.35370445	7.145459652	755.1062622		100.0809479
11-អ.ក.-24 09:00:00	0.050091311	32.6294899	7.271772385	755.885205		101.797905
11-អ.ក.-24 10:00:00	0.044490628	35.72319412	7.291116238	756.6107788		91.86269379
11-អ.ក.-24 11:00:00	0.038889948	38.02079773	7.36550808	756.3630981	2.083991289	128.0854645
11-អ.ក.-24 12:00:00	0.033289269		7.385927677	758.1153564		86.72176969
11-អ.ក.-24 13:00:00	0.027688587		7.395677567	757.7548218		101.7417603
11-អ.ក.-24 14:00:00	0.022087906		7.370372722	757.2127075		131.8891541
11-អ.ក.-24 15:00:00	0.02058305		7.368035793	756.6705322		91.73912048
11-អ.ក.-24 16:00:00	0.022931039		7.392485142	756.128418		95.64482117
11-អ.ក.-24 17:00:00	0.025279028	39.15935065	7.283285141	755.5863037		131.0851624
11-អ.ក.-24 18:00:00	0.027627107	37.21984482	7.261449337	755.0441895		90.80833435
11-អ.ក.-24 19:00:00	0.029950006	35.23115158	7.201743603	754.5020142	2.017628431	97.95433333
11-អ.ក.-24 20:00:00	0.033232595	33.53052521	7.129173279	753.9523926	2.137879133	129.8755493
11-អ.ក.-24 21:00:00	0.034670983	32.84523773	7.644242287	737.7340088	7.387133124	91.57208252
11-អ.ក.-24 22:00:00	0.037018973	33.52177429	7.941361427	758.5327148	10.764738018	103.6177673
11-អ.ក.-24 23:00:00	49.47126007	33.5365448	7.549328804	768.2514648	10.28028393	128.765503
12-អ.ក.-24 00:00:00	49.31949997	33.37026268	7.55021725	768.3833008	9.911026955	81.10784951
12-អ.ក.-24 01:00:00	49.0246204	33.20607376	7.510453137	768.5151367	9.418331146	103.4292526
12-អ.ក.-24 02:00:00	49.94028091	33.04008484	7.551968575	768.6469727		69.5166626
12-អ.ក.-24 03:00:00	49.37963486	32.87409592	7.569941998	768.788086	9.10752964	92.79450989
12-អ.ក.-24 04:00:00	49.56833886	32.70810699	7.605910778	768.9106445	9.280290696	70.37236732
12-អ.ក.-24 05:00:00	48.66382217	32.54212189	7.615033627	769.0424805	9.31398686	93.13986865
12-អ.ក.-24 06:00:00	0.09093068	32.52779648	7.39738262	769.1743164	6.30140543	93.28489685
12-អ.ក.-24 07:00:00	0.08384934	31.24324989	7.216765347	769.0008545	5.114348554	90.8469199
12-អ.ក.-24 08:00:00	0.077601001	30.62438965	7.119514942	768.6903687	5.16694794	78.04312897
12-អ.ក.-24 09:00:00	0.071352474	31.39883995	7.170419216	768.3798828	4.114631176	136.9519653
12-អ.ក.-24 10:00:00	0.065103941	33.82936478	7.328490552	768.069458	3.131055593	81.73973083
12-អ.ក.-24 11:00:00	0.058855411	37.09436798	7.355815887	767.7589722	2.331951887	89.6864014
12-អ.ក.-24 12:00:00	0.052606877	38.1118022	7.345177174	767.4484863	2.3840909	79.47502899
12-អ.ក.-24 13:00:00	0.046358347	39.61756897	7.374199339	767.1380005	2.602094412	132.5810492
12-អ.ក.-24 14:00:00	0.041819088		7.382576942	766.8727575		84.81807709
12-អ.ក.-24 15:00:00	0.040267851		7.369172573	765.8321244		83.4348526
12-អ.ក.-24 16:00:00	0.038716611		7.334737301	764.5806885		90.91960144
12-អ.ក.-24 17:00:00	0.037165374	37.22554016	7.28766669	763.3291626		102.1812134
12-អ.ក.-24 18:00:00	0.035614137	34.90759659	7.286653333	762.0776367		86.49682617
12-អ.ក.-24 19:00:00	0.0340629	32.94782257	7.146774292	760.8261108		89.44135284
12-អ.ក.-24 20:00:00	0.032511659	33.1071701		732.8212891	12.7621088	90.68575287
12-អ.ក.-24 21:00:00	0.030960422	33.0608638	7.896260738	731.2080688	12.41774654	94.72279358
12-អ.ក.-24 22:00:00	49.28427505	32.39857864	7.987456322	732.3070679	11.25506783	89.72319794
12-អ.ក.-24 23:00:00	48.85630417	32.18667984	7.836990356	733.4061279	9.588392258	103.9975281
13-អ.ក.-24 00:00:00	49.2543335	31.97478485	7.620716095	728.7991333	9.183246613	0.402171224
13-អ.ក.-24 01:00:00	49.36940384	31.76288795	7.496852875	723.8742065	8.8864994	0.356182307
13-អ.ក.-24 02:00:00	49.74503326	31.55099106	7.441408634	718.9492798	8.993663788	0.31019339
13-អ.ក.-24 03:00:00	49.78292084	31.33909416	7.436831951	716.7723389	9.253479958	0.264204472
13-អ.ក.-24 04:00:00	49.85790634	31.12719917	7.415588856	715.1952515	9.405983925	0.218215555
13-អ.ក.-24 05:00:00	50.01139832	30.91530228	7.366048813	713.1816461	9.71010685	0.172226653
13-អ.ក.-24 06:00:00	50.17189026	30.60152626	7.369809603	712.0410767	9.879261017	0.126237735
13-អ.ក.-24 07:00:00	0.043565333	30.08636665	7.025373936	711.7573242		0.080248818
13-អ.ក.-24 08:00:00	0.04405139	29.92652512	6.918821333	712.8562012		0.051279843
13-អ.ក.-24 09:00:00	0.044537447	31.29706955	7.02740785	713.9551392		0.04276545
13-អ.ក.-24 10:00:00	0.045023505	33.80780411	7.168494701	713.8828081	2.833925009	0.034251057
13-អ.ក.-24 11:00:00	0.045059662	35.94819641	7.173335552	713.4440308		0.025736663
13-អ.ក.-24 12:00:00	0.045995619	38.54338074	7.231805235	713.0059204		0.017222227
13-អ.ក.-24 13:00:00	0.046481676		7.21380703	712.5678711		0.008707816

August-24

*Remark
Copy value to the cell.

Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-8-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
13-8-24 14:00:00	0.046967734		7.488397121	712.1297607	0.000193485	
13-8-24 15:00:00	0.047125418		7.510706902	711.6917114	2.427767515	-0.008320908
13-8-24 16:00:00	0.04702913		7.396978855	711.2536011	2.508982658	-0.008923449
13-8-24 17:00:00	0.046932846		7.370879173	710.4903564		-0.004432302
13-8-24 18:00:00	0.046836562	38.11461639	7.167541504	709.5541382		5.88461E-05
13-8-24 19:00:00	0.046740275	35.83322144	6.972626686	708.617981		0.004549994
13-8-24 20:00:00	0.046643991	33.55152893	6.912974358	707.6817627		0.009041141
13-8-24 21:00:00	0.046547707	31.51514435	6.967508793	714.0060425	3.722149849	0.013532288
13-8-24 22:00:00	0.032317478	32.48975372	7.902095318	815.6583862	13.33706188	0.018023437
13-8-24 23:00:00	49.91256332	32.59666824	7.820017815	831.3093872	12.31195641	0.022514584
14-8-24 00:00:00	49.06672287	32.58399963	7.763955116	832.3084717	11.96513271	0.024708699
14-8-24 01:00:00	49.09136581	32.5449791	7.705744267	833.3075562	10.97003365	0.026192779
14-8-24 02:00:00	49.32502365	32.50596237	7.644309044	834.3066406	10.37375546	0.027676856
14-8-24 03:00:00	49.56989288	32.46694183	7.564107418	835.3057251	10.22069263	0.029160934
14-8-24 04:00:00	49.96808624	32.4279213	7.511255264	836.3048096	10.68052959	0.030645013
14-8-24 05:00:00	49.9782486	32.38890076	7.499257565	837.3039551	9.709118843	0.032129051
14-8-24 06:00:00	50.13686414	32.34988022	7.485575199	838.3030396	11.59710884	0.033613168
14-8-24 07:00:00	50.121128097	32.31086349	7.461071491	838.605896	8.66625309	0.035097245
14-8-24 08:00:00	0.046340805	32.35602188	7.256039619	838.4000854		0.033461988
14-8-24 09:00:00	0.051647387	33.60777664	7.293078899	838.1942139		0.031554329
14-8-24 10:00:00	0.056953967	34.96832657	7.32022953	837.9883423		0.029644869
14-8-24 11:00:00	0.062260546	34.71725464	7.518923759	834.9025879	4.328147411	0.027736308
14-8-24 12:00:00	0.067567125		7.332150459	840.7420044	2.838829517	0.025827749
14-8-24 13:00:00	0.072873704		7.324360371	838.7504272	2.051328182	0.023919187
14-8-24 14:00:00	0.078180291		7.337848663	836.7589111		0.022010626
14-8-24 15:00:00	0.08348687		7.317989826	834.767334		0.020225361
14-8-24 16:00:00	0.080327034		7.356266499	832.7758179		0.019991694
14-8-24 17:00:00	0.077035829		7.356150627	830.7842407		0.019758027
14-8-24 18:00:00	0.073744632	39.17644119	7.35637822	828.7926636		0.019524358
14-8-24 19:00:00	0.070453428	37.15247345	7.156943321	826.8011475		0.019290691
14-8-24 20:00:00	0.067162231	32.74687958	7.274273396	773.2194214	10.56901073	0.019057024
14-8-24 21:00:00	0.063871033	33.09563065	7.131865845	18.32953072	0.018823355	0.018823355
14-8-24 22:00:00	0.060579829	32.94955444	7.68160677	708.5933228	16.2441082	0.018589688
14-8-24 23:00:00	49.94461441	32.80347824	7.550181389	710.8600464	14.66309261	0.019689174
15-8-24 00:00:00	49.48307037	32.65739822	7.490174294	713.1268311	14.13791656	0.025203027
15-8-24 01:00:00	49.30485535	32.51132202	7.430167198	715.3936157	11.03726768	0.030716879
15-8-24 02:00:00	49.36026764	32.36524582	7.177603394	10.10235786	0.036230732	0.036230732
15-8-24 03:00:00	49.64556503	32.21916962	7.325455189	719.927124	10.0362854	0.041744586
15-8-24 04:00:00	49.86087418	32.07309341	7.300424576	720.8090933	10.3878212	0.047258437
15-8-24 05:00:00	49.95328903	31.8564415	7.275393486	721.6747437	10.26910877	0.052772291
15-8-24 06:00:00	0.028035017	31.20696068	6.937169075	722.5485229	2.513818026	0.058286142
15-8-24 07:00:00	0.034104008	30.47114182	6.757543564	723.4223022	2.066818476	0.057837203
15-8-24 08:00:00	0.040172998	31.66949654	6.997208118	724.2961426		0.04785154
15-8-24 09:00:00	0.046241991	32.87425995	7.106012821	724.7787476		0.037865877
15-8-24 10:00:00	0.052310981	35.5020256	7.121516705	724.885098		0.04785154
15-8-24 11:00:00	0.058379974	38.791996	7.207159519	724.991272		0.117946854
15-8-24 12:00:00	0.064448968		7.277653694	725.0975952		0.093936157
15-8-24 13:00:00	0.070517957		7.315542221	725.2038574		0.1178014832
15-8-24 14:00:00	0.069977221		7.395570755	725.3101196		0.1151110382
15-8-24 15:00:00	0.067593738		7.395696163	725.4164429		0.1248095093
15-8-24 16:00:00	0.065190263		7.493271351	725.5227051		0.121582336
15-8-24 17:00:00	0.06278678		7.438726425	725.9271851		0.12797287
15-8-24 18:00:00	0.060383301	38.72593307	7.273325443	726.5374756		0.146964874
15-8-24 19:00:00	0.057979822	35.69341278	7.089617252	727.1477051		0.069113617
15-8-24 20:00:00	0.055576343	28.12487984	6.694026947	727.7579955		0.1131296234
15-8-24 21:00:00	0.05317286	33.847604752	7.338370044	799.2888184	20.01966286	0.115859875
15-8-24 22:00:00	0.036025777	35.66049802	7.56049802	825.9521588	11.0265686	0.102318854
15-8-24 23:00:00	49.96424484	33.71289063	7.231463909	827.0308228	20.01449585	0.115400046
16-8-24 00:00:00	49.67445374	33.60633009	7.223174095	828.130827	115.7066498	0.120231494
16-8-24 01:00:00	49.2134512	33.49770737	7.214483804	820.1668896	10.21212097	0.121483804
16-8-24 02:00:00	49.38256836	33.39011765	7.20659399	830.2649536	13.3657198	0.118956473
16-8-24 03:00:00	49.70472336	33.28252792	7.198303699	831.3430176	11.27008724	0.1164008713
16-8-24 04:00:00	49.74566269	33.1749382	7.190013409	832.4210205	12.36394691	0.1162927246
16-8-24 05:00:00	50.03257751	33.06904602	7.181723595	833.4990845	10.49802303	0.1167319717
16-8-24 06:00:00	50.04812241	32.98542786	7.173433304	834.5159302	10.50553036	0.1133375702
16-8-24 07:00:00	50.15933609	32.90180969	7.18694973	835.3331909	10.87414265	0.1160417633
16-8-24 08:00:00	50.013012211	33.86651993	7.059895992	836.1504517	4.89820385	0.12282975464
16-8-24 09:00:00	50.004907527	34.76458474	7.13866806	836.9677124	3.288218975	0.1150006332
16-8-24 10:00:00	0.003197157	36.84758377	7.135519981	837.7849121	3.257590771	0.1040629501
16-8-24 11:00:00	0.011301841	39.61969757	7.1469841	838.6021729	2.124284267	0.1203447571
16-8-24 12:00:00	0.019406525	7.208935261	7.089419436			92.23980713
16-8-24 13:00:00	0.027511209	7.27139473	840.2366943			116.8701096
16-8-24 14:00:00	0.035615891	7.36703825	840.4984741			116.9952316
16-8-24 15:00:00	0.043720577	7.391431332	839.8121948			117.2080154
16-8-24 16:00:00	0.045263436	7.341396809	839.1259155			111.8117142

August-24

*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-8-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
16-8-24 17:00:00	0.042938493		7.19615984	838.4396362		116.5114822
16-8-24 18:00:00	0.040613551	36.98973465	7.046013551	7.046360016	837.7533569	115.9077148
16-8-24 19:00:00	0.038288608	33.79603195	6.896327972	837.0677076		106.5110855
16-8-24 20:00:00	0.035963662	32.25587082	6.825584888	836.3807983		126.8559799
16-8-24 21:00:00	0.033638719	33.42510223		717.9729004	14.78254223	112.83004
16-8-24 22:00:00	0.031313777	33.44048691	8.155986786	724.7681274	14.93598652	115.8454895
16-8-24 23:00:00	49.83507538	33.26390076	7.594662666	729.2304077	13.13086033	117.0153046
17-8-24 00:00:00	49.71984482	33.08731461	7.440196037	733.692688	11.86784267	117.8142776
17-8-24 01:00:00	49.27606201	32.91072464	7.263051987	738.1549683	11.34143639	112.5909653
17-8-24 02:00:00	49.37998581	32.73413849	7.087173462	742.6172485	10.8822422	117.3366699
17-8-24 03:00:00	49.74077988	32.55755234	6.911494732	747.0795898	10.60554028	120.0967941
17-8-24 04:00:00	49.89678955	32.38096237	6.759071827	751.5418701	10.57173634	105.8924942
17-8-24 05:00:00	0.14859657	32.08755875		756.0041504	6.714019775	119.0142975
17-8-24 06:00:00	0.133932233	30.77438927		758.4373169	4.523729801	120.6810837
17-8-24 07:00:00	0.119267896	29.75561905		759.486084	4.083515644	116.3771057
17-8-24 08:00:00	0.104603559	29.7110405		760.5349121	3.40359807	112.2363281
17-8-24 09:00:00	0.089939222	31.31925011		761.5837402	2.070982695	110.1579666
17-8-24 10:00:00	0.075274885	34.0264511		762.6325073		111.2280731
17-8-24 11:00:00	0.060610551	36.36335754		763.6813354		119.5816498
17-8-24 12:00:00	0.045946214	37.27295303		764.7301025		120.3123322
17-8-24 13:00:00	0.036261193	38.21020508		765.7789307		112.2986526
17-8-24 14:00:00	0.03900015	39.97943878		764.7286377		120.057579
17-8-24 15:00:00	0.041739102			762.9786987		115.5780945
17-8-24 16:00:00	0.044478059		6.508615494	761.2286987		111.7410965
17-8-24 17:00:00	0.047217015	38.64833832		759.4786987		126.8121796
17-8-24 18:00:00	0.049555972	30.88909721		762.2162476		121.4919281
17-8-24 19:00:00	0.052694924	30.17984772		761.0328979		108.1121063
17-8-24 20:00:00	0.055433881	33.34688568	7.377170086	766.3256836	14.73182583	111.8143616

August-24

*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY us/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-8.24-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8.24-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
19-8.24-24 20:00:00	0.052534081	30.42956924		814.509384		0.065846317
19-8.24-24 21:00:00	0.050879925	33.6974411	8.281377792	973.7136841	17.36588097	0.061545402
19-8.24-24 22:00:00	0.045486283	33.55799866	8.278543472	1001.886719	14.28024006	0.057244487
19-8.24-24 23:00:00	0.035229944	33.36449432	8.035387039	1014.830505	11.92177582	0.052943572
20-8.24-24 00:00:00	0.024973605	33.1709938	7.812912464	1022.773071	11.5852766	0.048642658
20-8.24-24 01:00:00	49.63752365	32.97749329	7.5782547	1028.725708	11.6598053	0.044341743
20-8.24-24 02:00:00	49.44239044	32.78398895	7.423541069	1028.619263	11.32797623	0.040040832
20-8.24-24 03:00:00	48.94113541	32.59048843	7.286791801	1028.512817	11.2970314	0.035739917
20-8.24-24 04:00:00	49.02289581	32.39320374	7.146612644	1028.406372	9.244565964	0.032150969
20-8.24-24 05:00:00	0.1147773497	31.92276001	6.694748402	1028.299927	0.029053403	0.029053403
20-8.24-24 06:00:00	0.108686619	30.39751244		1028.193481	3.783188343	0.025955835
20-8.24-24 07:00:00	0.102599747	29.37708092		1028.087036	3.416741133	0.022858268
20-8.24-24 08:00:00	0.096512876	29.85745728		1027.980591	2.495226383	0.019760702
20-8.24-24 09:00:00	0.090426005	30.806036		1027.981567	0.016663134	0.016663134
20-8.24-24 10:00:00	0.084339127	32.29101563		1028.269897	0.013565566	0.013565566
20-8.24-24 11:00:00	0.078252256	34.4629364		1028.58228	0.010468	0.010468
20-8.24-24 12:00:00	0.072165385	36.40483093		1028.846558	0.01143971	0.01143971
20-8.24-24 13:00:00	0.066550493	37.82822037		1029.134888	0.01379816	0.01379816
20-8.24-24 14:00:00	0.061785892	38.9376351		1029.423218	0.016156612	0.016156612
20-8.24-24 15:00:00	0.05702129	39.51357651		1029.711548	0.018515063	0.018515063
20-8.24-24 16:00:00	0.052256692	38.57457352		1030	0.020873515	0.020873515
20-8.24-24 17:00:00	0.047492091	37.14777374		1029.050537	0.023231966	0.023231966
20-8.24-24 18:00:00	0.042727489	35.2353085		1025.745361	0.025590418	0.025590418
20-8.24-24 19:00:00	0.037962887	33.07395172		1022.440186	0.027948869	0.027948869
20-8.24-24 20:00:00	0.03319829	32.99026489	7.850609303	832.3478394	20.01591301	0.02572724
20-8.24-24 21:00:00	0.037496645	33.10128021	8.12446022	879.9345703	20.01741791	0.02300459
20-8.24-24 22:00:00	0.050560478	32.89383698	7.39297533	838.8695679	20.01824741	0.020281939
20-8.24-24 23:00:00	49.41819	32.68639757	7.088708401	837.8045044	18.90823174	145.3397402
21-8.24-24 00:00:00	49.54005814	32.47895813	6.909758568	836.739502	17.79656792	101.0135574
21-8.24-24 01:00:00	48.96232224	32.27151871	6.730808258	835.6744995	16.83674622	112.3527145
21-8.24-24 02:00:00	0.018841548	32.06407928	6.551857948	834.609436	15.86313152	0.09.0991745
21-8.24-24 03:00:00	0.011726034	31.96234894	0.011726034	833.2714844	19.08859062	110.1389236
21-8.24-24 04:00:00	0.00461052	29.11022186		830.1245728	7.864967823	100.6700592
21-8.24-24 05:00:00	0.002504995	31.4426899		814.055481	17.78370667	110.2406235
21-8.24-24 06:00:00	0.009625059	30.09531021		816.9695435	5.188814754	81.91687012
21-8.24-24 07:00:00	0.016736023	29.00263977		819.883667	4.380590916	93.91989136
21-8.24-24 08:00:00	0.023851538	29.19958687		822.7977295	3.563081503	142.0755768
21-8.24-24 09:00:00	0.030967053	31.56367683		825.711853	2.333550215	79.68856049
21-8.24-24 10:00:00	0.037310943	34.95109558		828.6259766	2.237387657	94.50949097
21-8.24-24 11:00:00	0.040594976	37.02887726		831.5400391	2.208182573	142.0444325
21-8.24-24 12:00:00	0.04387901	39.12311554		834.4541626	2.237339258	89.10910797
21-8.24-24 13:00:00	0.047163047			835.8224487	2.258376837	123.3245544
21-8.24-24 14:00:00	0.05044708			835.8455811	2.265219688	118.7016983
21-8.24-24 15:00:00	0.053731114			835.8687134	2.267367363	112.1446686
21-8.24-24 16:00:00	0.057015151			835.8917847	2.268887758	110.250473
21-8.24-24 17:00:00	0.060299184	39.28985977		835.914917	2.303273201	101.5789337
21-8.24-24 18:00:00	0.063145451	36.01288605		835.9380493	2.314656973	108.7372742
21-8.24-24 19:00:00	0.065183707	33.39080811		835.9611816	2.414753437	104.251091
21-8.24-24 20:00:00	0.0672221962	31.86487007		835.984314		144.3264923
21-8.24-24 21:00:00	0.069260217	32.65391159	7.611717224	885.5117798	20.00244522	85.07407739
21-8.24-24 22:00:00	0.071298465	32.91207123	7.871949196	915.5811768	20.01597404	101.9528732
21-8.24-24 23:00:00	48.98062515	32.78523636	7.78013058	932.3684692	17.08013058	143.3269501
22-8.24-24 00:00:00	49.0665741	32.6584053	7.582315922	934.8114014	11.70275021	101.2316589
22-8.24-24 01:00:00	48.57526398	32.53157043	7.449459553	937.2543335	11.3145113	104.5064316
22-8.24-24 02:00:00	48.74089813	32.40473938	7.002591263	939.6972656	10.23931026	135.2198029
22-8.24-24 03:00:00	49.19316101	32.27790451	7.058722973	940.0386953	9.605329514	97.0400238
22-8.24-24 04:00:00	49.41903305	32.15107346	6.863354683	940.2466431	9.257394653	100.9530323
22-8.24-24 05:00:00	49.70089877	32.02423859	6.722007275	940.4545898	9.353264015	134.0871157
22-8.24-24 06:00:00	0.013595725	31.15001488		940.6625977	10.3.501323	101.351223
22-8.24-24 07:00:00	0.004110621	30.21394348		940.8705444	4.080289491	106.5129929
22-8.24-24 08:00:00	0.005734492	31.31564522		941.0780381	2.674041986	147.3808441
22-8.24-24 09:00:00	0.015579605	33.22182083	6.608114243	941.2855725		103.70504
22-8.24-24 10:00:00	0.02542719	36.1926384	6.635392189	941.4927979		95.65036774
22-8.24-24 11:00:00	0.03526983	37.51234055	6.629197598	941.7191162		106.8918381
22-8.24-24 12:00:00	0.045114946	39.8384285		942.1208605		107.7921795
22-8.24-24 13:00:00	0.054960057			942.5212402		116.9005814
22-8.24-24 14:00:00	0.058185673			942.9223022		89.57337952
22-8.24-24 15:00:00	0.050841103			943.3234253		97.0009155
22-8.24-24 16:00:00	0.047598246			943.7244873		90.81371707
22-8.24-24 17:00:00	0.044382393			944.1255493		101.1367035
22-8.24-24 18:00:00	0.04116654			944.5266113		99.59768677
22-8.24-24 19:00:00	0.037950687			950.8619995		99.08454132
22-8.24-24 20:00:00	0.034734834	38.05387115	6.5841012	950.8619995		128.719891
22-8.24-24 21:00:00	0.031518977	32.39194489	7.146077633	950.8619995	6.660289288	87.728987
22-8.24-24 22:00:00	0.031518977	32.39194489	7.146077633	950.8619995	8.738059425	83.2160034
22-8.24-24 23:00:00	0.031518977	32.39194489	7.146077633	950.8619995	8.738059425	83.2160034
22-8.24-24 24:00:00	0.031518977	32.39194489	7.146077633	950.8619995	8.738059425	83.2160034

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
01-8.24-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-8.24-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
22-8.24-24 23:00:00	49.80943298	32.15929413	7.518938541	826.2236938	7.520681858	135.2942657
22-8.24-24 00:00:00	49.52741241	32.03454971	7.314837933	824.661377	7.62149334	102.4921494
23-8.24-24 01:00:00	49.51659012	31.92346382	7.133714199	823.0991211	7.536099434	100.5518494
23-8.24-24 02:00:00	49.87223816	31.81237984	6.952589989	825.802124	7.623960495	108.3720169
23-8.24-24 03:00:00	50.09708405	31.70129395	6.790880203	830.9598999	7.777951717	102.0247116
23-8.24-24 04:00:00	50.39119339	32.28570557	7.425886154	865.0021362	7.913066864	106.9771347
23-8.24-24 05:00:00	50.51609802	31.95841789	7.047142982	852.7432861	7.711467266	100.9385071
23-8.24-24 06:00:00	50.47883606	31.63113022	6.858085632	840.4844971	10.69081497	118.6566544
23-8.24-24 07:00:00	50.74367523	31.66017723	6.87279892	838.0452881	10.46310616	107.4851379
23-8.24-24 08:00:00	50.66000748	31.69424438	6.971303463	837.3770142	10.76130676	102.3927002
23-8.24-24 09:00:00	50.70054245	31.72831345	6.904990673	836.7087402	10.6961689	125.2756653
23-8.24-24 10:00:00	50.70059204	31.76238251	6.870718479	836.0404663	10.81576538	99.45058441
23-8.24-24 11:00:00	0.066928446	34.38338993		835.4516602	3.081551313	113.0774689
23-8.24-24 12:00:00	0.051015675	37.85604477		836.3729248		112.5751724
23-8.24-24 13:00:00	0.048115384	39.55616379	6.550136089	837.2941895		107.4438324
23-8.24-24 14:00:00	0.045215096	6.623490334	838.2155151			95.07118988
23-8.24-24 15:00:00	0.042314805	6.556972504	839.21521			105.7243881
23-8.24-24 16:00:00	0.039414514	39.07935715		840.2211304		88.81504822
23-8.24-24 17:00:00	0.036514223	36.88003159		841.2269897		105.7890701
23-8.24-24 18:00:00	0.033613931	34.68070221		842.2329102		87.06922913
23-8.24-24 19:00:00	0.03083637	32.86914444		843.2388306		100.8029022
23-8.24-24 20:00:00	0.04055493	31.61874771	7.56929493			88.05440521
23-8.24-24 21:00:00	0.050273489	32.72138977	7.56929493	942.1018677	13.51223183	81.86501312
23-8.24-24 22:00:00	50.37532806	32.69548035	7.705772877	962.7415161	13.13587379	96.82653809
23-8.24-24 23:00:00	49.54563141	32.66957474	7.627365589	961.1848145	12.3791137	103.5852966
24-8.24-24 00:00:00	49.54036331	32.60235596	7.542926499	959.6281128	11.49890232	101.0022507
24-8.24-24 01:00:00	49.74787903	32.46828842	7.455144701	958.0714111	10.97655638	89.28024292
24-8.24-24 02:00:00	49.8546257	32.33422089	7.359964848	956.5147095	10.84352398	105.003273
24-8.24-24 03:00:00	50.03039551	32.20014954	7.264327526	954.9580078	10.59658337	108.5753174
24-8.24-24 04:00:00	50.13057709	32.066082	7.160274982	953.4013062	10.59179306	113.2681503
24-8.24-24 05:00:00	50.13999176	31.93201637	7.056222916	951.8446045	10.57252312	104.6794662
24-8.24-24 06:00:00	50.08780289	31.79794884	6.952170372	951.5662842	10.46559334	110.3119888
24-8.24-24 07:00:00	50.27803802	31.6638813	6.908875942	952.9317017	10.78613377	108.2227631
24-8.24-24 08:00:00	0.040301196	32.1358223	6.766075611	954.2970581	4.558119774	112.5698166
24-8.24-24 09:00:00	0.026782451	34.22719574	6.662826358	955.6624756	2.805568933	83.90788269
24-8.24-24 10:00:00	0.029054867	37.54896164	6.679461002	957.027832		94.27534485
24-8.24-24 11:00:00	0.031327285	39.25043488	6.763021793	958.3932495		101.8708089
24-8.24-24 12:00:00	0.033599701	6.787123203	959.758606			78.23709869
24-8.24-24 13:00:00	0.035872217	6.907903193	961.1240234			83.2655634
24-8.24-24 14:00:00	0.038144533	6.944153786	961.1030273			82.82548523
24-8.24-24 15:00:00	0.040416948	6.823647976	959.2996826			99.58254242
24-8.24-24 16:00:00	0.042719655	6.83420229	957.4962769			94.53913879
24-8.24-24 17:00:00	0.052293137	39.74542236	6.750556381	955.6928711		80.05771637
24-8.24-24 18:00:00	0.047738623	38.05254745	6.654424667	953.8893254		81.2313169
24-8.24-24 19:00:00	0.050428105	36.20500565	6.553792933	952.088106		90.81298528
24-8.24-24 20:00:00	0.052757587	38.50174713	6.437023267	943.0723267		88.83472443
24-8.24-24 21:00:00	0.055267069	31.88637924	7.484370272	811.7504883	8.327756882	0.19283098
24-8.24-24 22:00:00	50.12831497	31.75021744	7.480724375	805.2214966	7.688947201	0.17420375
24-8.24-24 23:00:00	49.75521088	31.61405373	7.330112934	798.6925049	7.223032475	0.155576184
25-8.24-24 00:00:00	49.64178467	31.147789192	7.17950201	792.1635132	6.988488197	0.136948794
25-8.24-24 01:00:00	49.59619141	31.34172821	7.02889061	791.9584961	6.815186977	0.118321404
25-8.24-24 02:00:00	49.89840317	31.20556641	6.928834833	792.5217896	6.797272682	0.099690406
25-8.24-24 03:00:00	50.17353058	31.06940269	6.842191219	793.085083	6.796704769	0.081066616
25-8.24-24 04:00:00	50.42692184	30.93324089	6.755548954	793.6484375	6.64801221	0.062439222
25-8.24-24 05:00:00	50.33011627	30.74301147	6.700368881	794.211731	6.628038406	0.052672204
25-8.24-24 06:00:00	50.56274033	30.48959541		794.7705854	6.774348259	0.051011562
25-8.24-24 07:00:00	0.088289492	30.23617935		795.3383789	4.144279957	0.049350925
25-8.24-24 08:00:00	0.081443891	30.15857214		795.8971558		0.047690287
25-8.24-24 09:00:00	0.074598283	30.95447731		796.3545532		0.046029646
25-8.24-24 10:00:00	0.067752682	32.39194489		796.8120117		0.043690608
25-8.24-24 11:00:00	0.060907077	34.32234955		797.2694092		0.042708367
25-8.24-24 12:00:00	0.054061472	36.19420624		797.7266787		0.04104773
25-8.24-24 13:00:00	0.047215868	38.326828		798.1842651		0.042207226
25-8.24-24 14:00:00	0.040370263	39.91581726		798.6417236		0.044724531
25-8.24-24 15:00:00	0.035896849		6.517921448	799.0991211		0.047241837
25-8.24-24 16:00:00	0.037423804	39.81786346		799.5597534		0.049759138
25-8.24-24 17:00:00	0.038950756	38.7434082		800.0331421		0.052276444
25-8.24-24 18:00:00	0.040477712	37.4016037		800.5065308		0.054793749
25-8.24-24 19:00:00	0.042004663	35.15364075		800.9799805		0.057311051
25-8.24-24 20:00:00	0.043531619	31.65601921	6.852249622	801.4533691	7.860835075	0.059828356
25-8.24-24 21:00:00	50.25804138	32.1234436	7.863151152	801.9267578	10.19493961	0.061535619
25-8.24-24 22:00:00	50.19770432	32.06409454	7.892868996	802.4002075	9.731369972	0.06307926
25-8.24-24 23:00:00	49.3624649	32.00474167	7.803760529	802.8735962	9.253490428	0.064622894
26-8.24-24 00:00:00	49.24367523	31.94539261	7.714652061	803.437439	8.941132545	0.06616355
26-8.24-24 01:00:00	49.23452759	31.88603973	7.600315571	804.2518311	8.450210571	0.067710169

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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY us/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-ٱ.ٱ.-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-ٱ.ٱ.-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
26-ٱ.ٱ.-24 02:00:00	4B.75070953	31.80824852	7.485033512	805.0661621	8.867053986	0.06925381
26-ٱ.ٱ.-24 03:00:00	4B.79016876	31.68713951	7.36975193	805.8804932	9.08391571	0.070797443
26-ٱ.ٱ.-24 04:00:00	4B.88941193	31.56602859	7.2463727	806.6948242	6.314330101	0.072341084
26-ٱ.ٱ.-24 05:00:00	4B.08847809	31.44491959	7.118842125	807.5092163	10.16470528	0.066701479
26-ٱ.ٱ.-24 06:00:00	4B.89720154	31.32381058	6.992371559	808.3235474	10.29598618	0.060960758
26-ٱ.ٱ.-24 07:00:00	0.003992163	31.15722084	6.758531094	809.1378784	3.440099001	0.055220038
26-ٱ.ٱ.-24 08:00:00	0.009863148	31.1750145		810.6145405	2.287713528	0.049479317
26-ٱ.ٱ.-24 09:00:00	0.015734134	33.79921341		813.0883789	0.043738596	
26-ٱ.ٱ.-24 10:00:00	0.021605119	32.30881119		800.0164795	3.55398941	0.037997872
26-ٱ.ٱ.-24 11:00:00	0.027476104	35.56620789		801.8766479	0.032257151	
26-ٱ.ٱ.-24 12:00:00	0.033347089	38.11142349		803.7368164	0.027251599	
26-ٱ.ٱ.-24 13:00:00	0.039218076	39.31871796		6.627722263	805.9596949	0.026650313
26-ٱ.ٱ.-24 14:00:00	0.045089062			6.671459198	807.4570923	0.026049027
26-ٱ.ٱ.-24 15:00:00	0.047440946			6.65623188	809.3172607	0.025447741
26-ٱ.ٱ.-24 16:00:00	0.046608962			6.671323776	811.1665649	0.024846453
26-ٱ.ٱ.-24 17:00:00	0.045776978			6.673530579	811.0646362	0.024245167
26-ٱ.ٱ.-24 18:00:00	0.044944994	39.05314636		6.601449013	810.9627075	0.023643881
26-ٱ.ٱ.-24 19:00:00	0.04411301	37.10704803		0.04411301	810.8607788	0.023042595
26-ٱ.ٱ.-24 20:00:00	0.04381026	35.4465065		810.7588501	0.022632465	
26-ٱ.ٱ.-24 21:00:00	4B.65441895	37.0954318		6.666562557	788.0402832	0.022677353
26-ٱ.ٱ.-24 22:00:00	4B.17185974	32.37054825		6.682276249	784.1044312	0.060173988
26-ٱ.ٱ.-24 23:00:00	4B.21296692	32.1345253		6.608459949	780.1685791	6.419805527
27-ٱ.ٱ.-24 00:00:00	0.065298222	31.89849854		6.57352814	773.7423706	6.639247704
27-ٱ.ٱ.-24 01:00:00	4B.38780212	31.66247368		6.69999809	766.3256836	0.022856902
27-ٱ.ٱ.-24 02:00:00	4B.82228088	31.42644882	6.75	769.546814	5.84862709	0.02290179
27-ٱ.ٱ.-24 03:00:00	4B.80444717	31.20047951		8.000000191	772.7678833	0.022946873
27-ٱ.ٱ.-24 04:00:00	4B.23026657	30.9783477		6.909999847	775.9890137	0.023722585
27-ٱ.ٱ.-24 05:00:00	4B.24237442	30.75621796		6.909999847	779.210083	0.025372133
27-ٱ.ٱ.-24 06:00:00	-0.03754605	30.28345299		782.0663452	3.47191906	0.027021682
27-ٱ.ٱ.-24 07:00:00	-0.024488715	29.30941963		783.3414307	3.056605101	0.028671229
27-ٱ.ٱ.-24 08:00:00	-0.011431383	30.5245285		784.6165161		0.030320778
27-ٱ.ٱ.-24 09:00:00	0.001625949	33.53465652		785.8916016		84.98700714
27-ٱ.ٱ.-24 10:00:00	0.014683282	37.23948288		787.166748		93.3514328
27-ٱ.ٱ.-24 11:00:00	0.027740614	39.59938812		788.4418335		100.5976715
27-ٱ.ٱ.-24 12:00:00	0.040797949			789.7169189		80.91282654
27-ٱ.ٱ.-24 13:00:00	0.053855281			790.9520044		101.0673294
27-ٱ.ٱ.-24 14:00:00	0.057158712		6.523521423	792.0691528		96.62109375
27-ٱ.ٱ.-24 15:00:00	0.053293843		6.569285393	792.3189087		98.87163544
27-ٱ.ٱ.-24 16:00:00	0.049428973			792.5687256		76.38219452
27-ٱ.ٱ.-24 17:00:00	0.045564104			792.8184814		86.97396851
27-ٱ.ٱ.-24 18:00:00	0.041699234	38.1552124		793.0682983	3.364658356	81.9755249
27-ٱ.ٱ.-24 19:00:00	0.037834365	35.11687469		793.3180542		92.21628571
27-ٱ.ٱ.-24 20:00:00	0.033969495	31.5299778		793.5094604		81.9755249
27-ٱ.ٱ.-24 21:00:00	4B.88807297	32.28072357	6.696101665	792.84552	10.91692162	81.43125916
27-ٱ.ٱ.-24 22:00:00	4B.62870789	32.23976135	6.786224365	792.1815796	11.21375847	88.02064514
27-ٱ.ٱ.-24 23:00:00	4B.65394974	32.14892197	6.757609367	791.5176392	11.24058533	82.58972931
28-ٱ.ٱ.-24 00:00:00	48.643013	31.92927933	6.728994846	790.8536987	10.97231102	90.62013245
28-ٱ.ٱ.-24 01:00:00	4B.02157211	31.70963669	6.69656992	790.1896973	11.1116724	83.56967926
28-ٱ.ٱ.-24 02:00:00	4B.24191666	31.48999405	6.660601139	789.5257568	11.10673141	85.91555786
28-ٱ.ٱ.-24 03:00:00	4B.44003677	31.27035332	6.624632359	788.8618164	11.11190987	92.05911255
28-ٱ.ٱ.-24 04:00:00	0.043778479	30.55367851		788.4291992	5.788480282	85.05831909
28-ٱ.ٱ.-24 05:00:00	0.04311255	29.28151321		789.5755615	4.798876762	83.36057281
28-ٱ.ٱ.-24 06:00:00	0.042446624	28.38967514		790.7219849	4.450480461	83.2154007
28-ٱ.ٱ.-24 07:00:00	0.041780695	27.80903053		791.8683472	5.677105427	97.36205292
28-ٱ.ٱ.-24 08:00:00	0.04111477	29.34579659		793.0147095	3.642946005	94.21852587
28-ٱ.ٱ.-24 09:00:00	0.040448841	32.22832108		794.1611328		193.0626831
28-ٱ.ٱ.-24 10:00:00	0.039782815	36.27413177		795.3074951		120.0902557
28-ٱ.ٱ.-24 11:00:00	0.039116986			796.4539185		136.7980804
28-ٱ.ٱ.-24 12:00:00	0.037759397	39.27600479		796.474998		169.458988
28-ٱ.ٱ.-24 13:00:00	0.035009857			795.8146973		136.2759258
28-ٱ.ٱ.-24 14:00:00	0.032260314		6.519598961	794.6813354		132.61441
28-ٱ.ٱ.-24 15:00:00	0.02951077			793.5480347		165.9510254
28-ٱ.ٱ.-24 16:00:00	0.026761228		6.513969421	792.4146729		138.9880933
28-ٱ.ٱ.-24 17:00:00	0.024011685	33.55866241		791.6192627		145.20107956
28-ٱ.ٱ.-24 18:00:00	0.021262143	29.43829536		791.6903687		163.898086
28-ٱ.ٱ.-24 19:00:00	0.018512599	28.38524246		791.7615356		132.7635065
28-ٱ.ٱ.-24 20:00:00	0.02160386	27.25739479		791.8326416		137.5821786
28-ٱ.ٱ.-24 21:00:00	0.030835694	32.24996567		770.6920166	4.688382149	163.4260101
28-ٱ.ٱ.-24 22:00:00	0.040067531	32.71264267	6.724775791	816.2674561	6.31400919	135.1887125
28-ٱ.ٱ.-24 23:00:00	0.049299363	32.61489487	6.7708745	833.9492798	6.412927628	116.0081329
29-ٱ.ٱ.-24 00:00:00	4B.35086441	32.51714325	6.747338772	840.7622681	6.30251162	108.5827026
29-ٱ.ٱ.-24 01:00:00	4B.80648422	32.41939163	6.723803043	847.5751953	6.258563042	105.0170975
29-ٱ.ٱ.-24 02:00:00	4B.60985565	32.32164001	6.70785284	854.3881836	6.143924236	117.3724365
29-ٱ.ٱ.-24 03:00:00	4B.56436539	32.2238884	6.706699848	861.2011108	6.034090519	107.1408844
29-ٱ.ٱ.-24 04:00:00	4B.07462311	32.12613678	6.705547333	868.0140991	6.05412674	118.6894379

August-24

*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY us/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
01-ٱ.ٱ.-24 00:00:00	49.27	31.80	7.25	607.67	9.63	0.02
01-ٱ.ٱ.-24 01:00:00	48.72	31.73	7.27	610.57	7.95	0.02
29-ٱ.ٱ.-24 05:00:00	4B.30576706	32.02838898	6.704394341	874.8270264	6.13205862	102.3019714
29-ٱ.ٱ.-24 06:00:00	4B.44981766	31.90986633	6.703241825	881.6400146	6.167325497	112.9764481
29-ٱ.ٱ.-24 07:00:00	4B.69004822	31.77244759	6.702088833	880.9165649	6.067473412	123.1682434
29-ٱ.ٱ.-24 08:00:00	4B.79441071	31.63502884	6.69666481	878.7755127	6.222570419	110.8108826
29-ٱ.ٱ.-24 09:00:00	0.03171216	31.49761009	6.57226944	876.6344604	5.202754498	110.8687439
29-ٱ.ٱ.-24 10:00:00	0.031211209	32.0369873		840.850708		119.7094574
29-ٱ.ٱ.-24 11:00:00	0.030710258	35.31983566	7.118551731	170.7385254		143.681134
29-ٱ.ٱ.-24 12:00:00	0.030209308	33.83223343	7.390032291	173.4590912		115.2244415
29-ٱ.ٱ.-24 13:00:00	0.029708358	30.88918114	7.271689415	176.179657	9.42780304	110.8713531
29-ٱ.ٱ.-24 14:00:00	0.029207407	28.7674427		163.8815765		113.7105484
29-ٱ.ٱ.-24 15:00:00	0.028706457	27.2347126		164.6120453		123.94478989
29-ٱ.ٱ.-24 16:00:00	0.028205507	26.84726143		165.3424988		132.7205658
29-ٱ.ٱ.-24 17:00:00	0.028031036	28.18953514		166.0729675		106.5240326
29-ٱ.ٱ.-24 18:00:00	0.028321568	28.16869926		166.803421		107.001503
29-ٱ.ٱ.-24 19:00:00	0.028612101	27.97794151		167.5338898		105.4132156
29-ٱ.ٱ.-24 20:00:00	0.028902635	27.66138649		168.264343		105.353157
29-ٱ.ٱ.-24 21:00:00	0.029193167	27.33463287		168.994812		108.9699783
29-ٱ.ٱ.-24 22:00:00	0.029487926	27.00787926		169.4823456		109.1408234
29-ٱ.ٱ.-24 23:00:00	0.029774234	31.62135696	6.833976746	820.774843	5.608448029	116.4880524
30-ٱ.ٱ.-24 00:00:00	4B.99694443	31.48150826	6.988381386	800.1696777	6.555017471	112.0568771
30-ٱ.ٱ.-24 01:00:00	4B.4379425	31.34166145	7.04538393	793.4333496	6.971387863	110.1150055
30-ٱ.ٱ.-24 02:00:00	4B.17586899	31.20181465	7.049871445	793.4522095	7.036976337	90.07530975
30-ٱ.ٱ.-24 03:00:00	4B.16736221	31.06196785	7.054358959	793.4711304	7.139984131	113.9566498
30-ٱ.ٱ.-24 04:00:00	4B.43038177	30.92211914	7.058846474	793.4899902	7.134931564	120.4177017
30-ٱ.ٱ.-24 05:00:00	4B.83169937	30.78227234	7.06333988	793.5089111	7.254990578	97.45923615
30-ٱ.ٱ.-24 06:00:00	4B.70970917	30.64242554	7.067821503	793.527771	7.177998066	112.2945786
30-ٱ.ٱ.-24 07:00:00	0.042648382	30.49069214	6.927493572	793.5466919	6.212269783	118.1409988
30-ٱ.ٱ.-24 08:00:00	0.039788317	30.31605911	6.807288647	793.5655518	5.288629055	94.65251923
30-ٱ.ٱ.-24 09:00:00	0.036928251	30.87662506	6.808612823	793.946899	4.589236736	117.6168594
30-ٱ.ٱ.-24 10:00:00	0.03	33.57	6.86	794.58	4.03	116.80

September-24

*Remark
Copy value to the cell below

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-n.u.-24 00:00:00	49.71	32.23	7.33	924.90	8.14	0.06
01-n.u.-24 01:00:00	49.67	32.17	7.30	926.86	20.02	0.07
01-n.u.-24 02:00:00	50.13	32.11	7.27	928.82	20.02	0.07
01-n.u.-24 03:00:00	50.34	32.04	7.25	930.78	20.02	0.08
01-n.u.-24 04:00:00	50.42	31.99	7.24	932.74	20.02	0.08
01-n.u.-24 05:00:00	50.53	31.94	7.22	934.70	20.02	0.08
01-n.u.-24 06:00:00	50.76	31.88	7.20	936.45	7.43	0.08
01-n.u.-24 07:00:00	50.74	31.83	7.20	936.71	7.90	0.07
01-n.u.-24 08:00:00	51.12	31.78	7.37	936.97	20.01	0.07
01-n.u.-24 09:00:00	51.09	32.05	7.58	937.24	7.09	0.06
01-n.u.-24 10:00:00	0.07	34.63	7.37	937.50	5.92	0.06
01-n.u.-24 11:00:00	0.06	37.64	7.33	937.77	5.37	0.05
01-n.u.-24 12:00:00	0.05	39.24	7.27	938.03	4.34	0.05
01-n.u.-24 13:00:00	0.04	39.72	7.25	938.29	4.03	0.05
01-n.u.-24 14:00:00	0.03		7.35	938.40	3.62	0.06
01-n.u.-24 15:00:00	0.02		7.37	937.84	2.66	0.07
01-n.u.-24 16:00:00	0.02		7.26	937.29	2.53	0.08
01-n.u.-24 17:00:00	0.01	39.62	7.16	936.73	2.68	0.08
01-n.u.-24 18:00:00	0.01	37.56	7.10	936.18	2.33	0.09
01-n.u.-24 19:00:00	0.01	35.04	7.04	935.63	2.95	0.10
01-n.u.-24 20:00:00	0.02	32.24	7.15	911.98	6.95	0.11
01-n.u.-24 21:00:00	0.03	33.13	7.53	922.35	11.39	0.11
01-n.u.-24 22:00:00	0.03	32.30	7.39	913.74	12.38	0.11
01-n.u.-24 23:00:00	51.03	31.88	7.58	936.03	11.60	0.11
02-n.u.-24 00:00:00	50.40	31.67	7.46	952.27	10.85	0.11
02-n.u.-24 01:00:00	50.26	31.54	7.31	951.85	10.78	0.11
02-n.u.-24 02:00:00	50.07	31.41	7.24	951.44	11.02	0.11
02-n.u.-24 03:00:00	50.74	31.28	7.18	951.02	7.48	0.11
02-n.u.-24 04:00:00	50.74	31.16	7.14	950.61	11.24	0.11
02-n.u.-24 05:00:00	50.63	31.03	7.11	950.20	11.04	0.16
02-n.u.-24 06:00:00	50.84	30.90	7.08	950.09	8.29	0.22
02-n.u.-24 07:00:00	51.13	30.77	7.07	950.20	11.12	0.28
02-n.u.-24 08:00:00	51.09	30.64	7.09	950.30	11.48	0.34
02-n.u.-24 09:00:00	0.08	30.70	6.92	950.41	7.59	0.39
02-n.u.-24 10:00:00	0.08	32.34	6.94	950.51	3.25	138.12
02-n.u.-24 11:00:00	0.07	33.78	6.97	950.62	2.98	142.60
02-n.u.-24 12:00:00	0.07	35.04	6.99	950.72	2.38	121.62
02-n.u.-24 13:00:00	0.06	36.61	7.00	950.83	2.04	175.67
02-n.u.-24 14:00:00	0.06	38.00	7.05	950.88		149.38
02-n.u.-24 15:00:00	0.05	37.99	7.04	950.91		180.01
02-n.u.-24 16:00:00	0.05	38.97	7.15	950.94		138.65
02-n.u.-24 17:00:00	0.04	38.03	7.01	950.97		131.19
02-n.u.-24 18:00:00	0.04	36.33	6.86	951.00		129.11
02-n.u.-24 19:00:00	0.04	34.66	6.80	951.03		138.96
02-n.u.-24 20:00:00	0.03	33.03	6.74	951.06		109.72
02-n.u.-24 21:00:00	0.03	32.39	7.25	928.10	6.82	112.98
02-n.u.-24 22:00:00	50.09	32.38	7.35	928.25	6.97	118.76
02-n.u.-24 23:00:00	49.75	32.37	7.35	928.39	7.73	102.16
03-n.u.-24 00:00:00	49.13	32.26	7.31	928.54	7.68	103.16
03-n.u.-24 01:00:00	49.13	32.10	7.27	928.68	7.70	119.73
03-n.u.-24 02:00:00	49.53	31.93	7.23	928.83	7.58	112.54
03-n.u.-24 03:00:00	49.91	31.77	7.19	932.02	7.62	106.43
03-n.u.-24 04:00:00	50.03	31.61	7.14	935.77	7.67	113.17
03-n.u.-24 05:00:00	0.05	31.45	7.08	939.51	7.25	105.47
03-n.u.-24 06:00:00	0.05	30.45	6.88	942.43	6.00	123.20
03-n.u.-24 07:00:00	0.05	29.50	6.82	941.39	5.16	121.09
03-n.u.-24 08:00:00	0.04	29.88	6.87	940.34	4.56	117.33
03-n.u.-24 09:00:00	0.04	31.68	7.02	939.66	3.64	119.66
03-n.u.-24 10:00:00	0.04	32.93	6.97	940.52	3.27	119.22
03-n.u.-24 11:00:00	0.04	32.85	6.95	941.38	3.21	121.02
03-n.u.-24 12:00:00	0.03	35.17	7.01	942.24	2.65	121.90
03-n.u.-24 13:00:00	0.03	36.17	7.06	943.10	2.80	120.68
03-n.u.-24 14:00:00	0.03	37.98	7.09	943.96	2.40	117.89
03-n.u.-24 15:00:00	0.04	37.08	7.01	944.82		122.56
03-n.u.-24 16:00:00	0.04	37.19	7.02	945.68		124.39
03-n.u.-24 17:00:00	0.04	36.52	6.96	946.52		132.54
03-n.u.-24 18:00:00	0.05	34.64	6.84	947.30		130.55
03-n.u.-24 19:00:00	0.05	32.50	6.77	948.07		128.77
03-n.u.-24 20:00:00	0.05	30.42	6.72	948.85	2.16	118.39
03-n.u.-24 21:00:00	0.06	31.76	7.33	922.16	7.05	101.64
03-n.u.-24 22:00:00	49.92	31.74	7.41	913.80	7.21	112.14
03-n.u.-24 23:00:00	49.97	31.58	7.34	909.36	7.01	100.18
04-n.u.-24 00:00:00	49.44	31.43	7.27	907.58	6.98	98.28
04-n.u.-24 01:00:00	49.38	31.27	7.23	905.80	6.94	114.01
04-n.u.-24 02:00:00	49.63	31.12	7.21	904.03	7.18	99.50
04-n.u.-24 03:00:00	49.88	30.97	7.16	902.25	7.10	96.94
04-n.u.-24 04:00:00	49.96	30.79	7.09	900.47	6.61	120.79

September-24

*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
04-n.u.-24 05:00:00	-0.04	29.07	6.89	899.60	4.91	<div><div></div></div> 98.20
04-n.u.-24 06:00:00	-0.03	27.13	6.76	900.42	4.76	<div><div></div></div> 102.63
04-n.u.-24 07:00:00	-0.02	26.29	6.74	901.23	4.13	<div><div></div></div> 128.40
04-n.u.-24 08:00:00	-0.01	27.22	6.76	902.04	3.69	<div><div></div></div> 110.24
04-n.u.-24 09:00:00	0.00	28.80	6.81	902.85	3.04	<div><div></div></div> 100.00
04-n.u.-24 10:00:00	0.00	31.04	6.84	903.67	2.59	<div><div></div></div> 121.12
04-n.u.-24 11:00:00	0.01	32.96	6.86	904.48	2.08	<div><div></div></div> 98.14
04-n.u.-24 12:00:00	0.02	33.45	6.85	905.29		<div><div></div></div> 93.17
04-n.u.-24 13:00:00	0.03	33.66	6.84	905.83		<div><div></div></div> 123.26
04-n.u.-24 14:00:00	0.03	34.17	6.86	905.94		<div><div></div></div> 97.72
04-n.u.-24 15:00:00	0.03	35.68	6.91	906.05		<div><div></div></div> 133.90
04-n.u.-24 16:00:00	0.03	36.67	6.92	906.17		<div><div></div></div> 97.69
04-n.u.-24 17:00:00	0.03	36.13	6.91	906.28		<div><div></div></div> 0.45
04-n.u.-24 18:00:00	0.03	34.26	6.86	906.39		<div><div></div></div> 0.40
04-n.u.-24 19:00:00	0.03	32.16	6.74	906.51		<div><div></div></div> 0.34
04-n.u.-24 20:00:00	0.03	30.92	6.62	906.62		<div><div></div></div> 0.29
04-n.u.-24 21:00:00	0.04	31.05	6.78	865.89	3.09	<div><div></div></div> 0.23
04-n.u.-24 22:00:00	<div><div></div></div> 49.16	31.55	7.01	871.18	9.76	<div><div></div></div> 0.18
04-n.u.-24 23:00:00	<div><div></div></div> 49.63	31.53	7.06	876.48	11.63	<div><div></div></div> 0.12
05-n.u.-24 00:00:00	<div><div></div></div> 48.64	31.40	7.06	881.77	13.25	<div><div></div></div> 0.07
05-n.u.-24 01:00:00	<div><div></div></div> 48.82	31.26	7.07	880.78	11.90	<div><div></div></div> 0.04
05-n.u.-24 02:00:00	<div><div></div></div> 49.03	31.13	7.04	868.30	10.30	<div><div></div></div> 0.04
05-n.u.-24 03:00:00	<div><div></div></div> 49.48	31.00	7.02	855.82	9.04	<div><div></div></div> 0.04
05-n.u.-24 04:00:00	<div><div></div></div> 49.35	30.86	7.00	848.56	7.12	<div><div></div></div> 0.04
05-n.u.-24 05:00:00	<div><div></div></div> 49.70	30.73	7.03	850.83	6.83	<div><div></div></div> 0.04
05-n.u.-24 06:00:00	0.03	30.13	6.72	853.10		<div><div></div></div> 0.03
05-n.u.-24 07:00:00	0.03	29.31	6.67	855.37		<div><div></div></div> 0.03
05-n.u.-24 08:00:00	0.03	30.02	6.95	857.64		<div><div></div></div> 0.03
05-n.u.-24 09:00:00	0.03	32.55	7.06	859.91		<div><div></div></div> 0.03
05-n.u.-24 10:00:00	0.03	35.39	7.03	862.18		<div><div></div></div> 0.03
05-n.u.-24 11:00:00	0.03	36.82	7.00	862.68		<div><div></div></div> 0.03
05-n.u.-24 12:00:00	0.03	38.49	7.06	863.08		<div><div></div></div> 0.03
05-n.u.-24 13:00:00	0.03	39.72	7.12	863.47		<div><div></div></div> 0.03
05-n.u.-24 14:00:00	0.03		7.18	863.87		<div><div></div></div> 0.03
05-n.u.-24 15:00:00	0.03		7.25	864.26		<div><div></div></div> 0.03
05-n.u.-24 16:00:00	0.03		7.26	864.66		<div><div></div></div> 0.03
05-n.u.-24 17:00:00	0.03	38.85	7.16	865.06		<div><div></div></div> 0.04
05-n.u.-24 18:00:00	0.03	35.68	7.05	865.53		<div><div></div></div> 0.05
05-n.u.-24 19:00:00	0.03	33.18	6.94	866.72		<div><div></div></div> 0.05
05-n.u.-24 20:00:00	0.03	30.66	6.83	867.90		<div><div></div></div> 0.06
05-n.u.-24 21:00:00	<div><div></div></div> 50.46	31.78	7.33	837.50	7.20	<div><div></div></div> 0.06
05-n.u.-24 22:00:00	<div><div></div></div> 49.83	31.70	7.51	844.50	7.20	<div><div></div></div> 0.07
05-n.u.-24 23:00:00	<div><div></div></div> 49.22	31.63	7.46	851.49	7.20	<div><div></div></div> 0.07
06-n.u.-24 00:00:00	<div><div></div></div> 49.20	31.55	7.40	858.49	7.20	<div><div></div></div> 0.08
06-n.u.-24 01:00:00	<div><div></div></div> 49.42	31.48	7.34	865.27	7.20	<div><div></div></div> 0.08
06-n.u.-24 02:00:00	<div><div></div></div> 49.71	31.41	7.28	866.26	7.20	<div><div></div></div> 0.08
06-n.u.-24 03:00:00	<div><div></div></div> 49.83	31.33	7.24	867.25	7.10	<div><div></div></div> 0.08
06-n.u.-24 04:00:00	<div><div></div></div> 50.09	31.25	7.22	868.24	7.10	<div><div></div></div> 0.08
06-n.u.-24 05:00:00	<div><div></div></div> 50.21	31.00	7.19	869.23	7.10	<div><div></div></div> 0.08
06-n.u.-24 06:00:00	<div><div></div></div> 13.12	30.76	7.15	870.23	14.02	<div><div></div></div> 0.08
06-n.u.-24 07:00:00	0.11	30.16	6.72	871.22	7.78	<div><div></div></div> 0.08
06-n.u.-24 08:00:00	0.10	30.05	6.61	872.21	7.30	<div><div></div></div> 0.08
06-n.u.-24 09:00:00	0.09	30.60	6.61	873.10	6.33	<div><div></div></div> 0.08
06-n.u.-24 10:00:00	0.08	31.92	6.65	873.58	4.66	<div><div></div></div> 0.08
06-n.u.-24 11:00:00	0.07	34.33	6.70	874.07	4.29	<div><div></div></div> 0.08
06-n.u.-24 12:00:00	0.06	38.03	6.80	874.55	20.00	<div><div></div></div> 0.07
06-n.u.-24 13:00:00	0.06	37.43	6.73	875.03	2.07	<div><div></div></div> 0.07
06-n.u.-24 14:00:00	0.05	38.86	6.83	875.52		<div><div></div></div> 0.07
06-n.u.-24 15:00:00	0.05	39.18	6.86	876.00		<div><div></div></div> 0.07
06-n.u.-24 16:00:00	0.04	38.52	6.74	876.48		<div><div></div></div> 0.08
06-n.u.-24 17:00:00	0.04	37.24	6.65	877.44		<div><div></div></div> 0.07
06-n.u.-24 18:00:00	0.04	35.67	6.55	879.28		<div><div></div></div> 0.08
06-n.u.-24 19:00:00	0.04	34.10		881.13		<div><div></div></div> 0.08
06-n.u.-24 20:00:00	0.04	32.54		882.97		<div><div></div></div> 0.08
06-n.u.-24 21:00:00	0.04	31.98	8.14	886.97	7.02	<div><div></div></div> 0.09
06-n.u.-24 22:00:00	0.04	32.23		895.05	11.47	<div><div></div></div> 0.09
06-n.u.-24 23:00:00	0.04	32.21	8.27	903.14	19.32	<div><div></div></div> 0.09
07-n.u.-24 00:00:00	<div><div></div></div> 50.02	32.08	7.75	909.82	14.14	<div><div></div></div> 0.28
07-n.u.-24 01:00:00	<div><div></div></div> 49.27	31.95	7.64	910.59	20.01	<div><div></div></div> 94.71
07-n.u.-24 02:00:00	<div><div></div></div> 49.13	31.83	7.60	911.36	20.01	<div><div></div></div> 100.17
07-n.u.-24 03:00:00	<div><div></div></div> 49.22	31.70	7.55	912.13	20.02	<div><div></div></div> 97.61
07-n.u.-24 04:00:00	<div><div></div></div> 49.70	31.58	7.52	912.90	20.02	<div><div></div></div> 107.85
07-n.u.-24 05:00:00	<div><div></div></div> 49.83	31.45	7.49	913.68	13.91	<div><div></div></div> 105.58
07-n.u.-24 06:00:00	<div><div></div></div> 50.02	31.32	7.47	914.45	15.31	<div><div></div></div> 111.02
07-n.u.-24 07:00:00	<div><div></div></div> 50.21	31.23	7.44	915.22	18.41	<div><div></div></div> 109.45
07-n.u.-24 08:00:00	0.14	31.21	7.16	915.85	7.97	<div><div></div></div> 105.88
07-n.u.-24 09:00:00	0.13	31.96	7.03	916.22	6.67	<div><div></div></div> 114.47

September-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
07-n.-24 10:00:00	0.12	34.37	7.10	916.59	4.98	108.29
07-n.-24 11:00:00	0.11	36.02	7.16	916.96	3.55	117.72
07-n.-24 12:00:00	0.10	37.79	7.23	917.33		117.48
07-n.-24 13:00:00	0.09	37.78	7.18	917.70		119.11
07-n.-24 14:00:00	0.08	38.56	7.21	918.07		100.29
07-n.-24 15:00:00	0.07	39.19	7.27	918.44		105.26
07-n.-24 16:00:00	0.07	37.91	7.17	918.48		98.93
07-n.-24 17:00:00	0.07	36.49	7.09	918.19		106.34
07-n.-24 18:00:00	0.07	34.44	7.02	917.90		94.89
07-n.-24 19:00:00	0.06	32.57	6.95	917.61		92.66
07-n.-24 20:00:00	0.06	30.32	6.88	917.32		95.70
07-n.-24 21:00:00	0.06	28.25	6.78	917.03		100.43
07-n.-24 22:00:00	0.06	27.83	6.73	916.74		83.99
07-n.-24 23:00:00	0.06	27.49	6.71	916.45		98.47
08-n.-24 00:00:00	0.05	27.43	6.68	916.75	2.04	115.39
08-n.-24 01:00:00	0.05	27.37	6.67	917.36		108.29
08-n.-24 02:00:00	0.04	27.31	6.66	917.97		97.66
08-n.-24 03:00:00	0.04	27.25	6.65	918.58		91.97
08-n.-24 04:00:00	0.03	27.19	6.63	919.18		98.15
08-n.-24 05:00:00	0.03	26.96	6.62	919.79		96.93
08-n.-24 06:00:00	0.03	26.72	6.65	920.40	2.24	102.76
08-n.-24 07:00:00	0.021201411	27.09745407	6.64865799	921.0064087		106.7148666
08-n.-24 08:00:00	0.020590596	28.6531868	6.746731281	923.572998		106.4830856
08-n.-24 09:00:00	0.019979782	30.85905075	6.802793503	926.5752563		116.1440811
08-n.-24 10:00:00	0.019368967	33.361866	6.874104023	929.5775757		112.6700363
08-n.-24 11:00:00	0.018758154	34.14993286	6.874969006	932.579895		106.311203
08-n.-24 12:00:00	0.01814734	31.70136452	6.799327374	935.5822144	2.185971022	111.2962036
08-n.-24 13:00:00	0.017536525	36.48379517	6.899106979	938.5845337		114.7524338
08-n.-24 14:00:00	0.016925711	36.81672668	6.966004372	941.586853		110.2605057
08-n.-24 15:00:00	0.020321803	33.98759079	6.889186859	944.5891724		111.3197174
08-n.-24 16:00:00	0.031832714	31.97162247	7.35425663	890.7365723	8.300325394	111.3570251
08-n.-24 17:00:00	0.043343626	32.03807831	8.29172802	909.3929443	12.38273335	121.8277664
08-n.-24 18:00:00	0.054854538	31.97077751	8.088255882	912.536377	16.44122887	123.094696
08-n.-24 19:00:00	50.12986755	31.7810173	7.745082378	913.802124	18.30136108	125.4538574
08-n.-24 20:00:00	49.40357971	31.68596077	7.718643665	905.2609863	14.80671692	129.4219666
08-n.-24 21:00:00	49.41589737	31.59092033	7.692204475	891.1682739	14.17632866	129.8350983
08-n.-24 22:00:00	49.28165054	31.49584579	7.665765285	877.0755005	15.89221191	124.3066177
08-n.-24 23:00:00	49.55521393	31.40078926	7.639326096	862.9827881	16.71572495	131.6500397
09-n.-24 00:00:00	50.00248887	31.30573273	7.612886906	860.5009155	16.55517578	116.0568314
09-n.-24 01:00:00	49.96150889	31.21067429	7.593142509	860.9977417	13.27825832	128.0057526
09-n.-24 02:00:00	50.11091614	31.11561775	7.573740005	861.4946289	14.1411953	123.7157211
09-n.-24 03:00:00	50.3999064	31.01635933	7.554337502	861.9914551	16.69852161	127.3243027
09-n.-24 04:00:00	50.34000778	30.91436577	7.534934998	862.4882813	19.7520256	112.1666107
09-n.-24 05:00:00	50.61814117	30.8123703	7.515532494	862.9851074	13.34585667	117.9843369
09-n.-24 06:00:00	50.45048141	30.71037674	7.49612999	863.4819336	14.06078434	126.6662598
09-n.-24 07:00:00	51.33813477	30.93288422	7.318980217	871.8323364	13.07913017	131.5229645
09-n.-24 08:00:00	51.41609192	31.12833786	7.28419733	879.9718018	14.51292706	127.4360046
09-n.-24 09:00:00	51.56291908	31.24558258	7.317779541	879.9325562	12.05413818	125.5968018
09-n.-24 10:00:00	51.68533392	31.3628273	7.370488167	879.8933716	11.85605049	127.5259628
09-n.-24 11:00:00	51.66046183	31.48007202	7.463873386	879.854187	12.28892422	185.2147369
09-n.-24 12:00:00	0.098899372	33.8037796	7.093244553	879.8149414	2.634018898	113.3150787
09-n.-24 13:00:00	0.087198757	35.5025444	7.000816345	879.7236938		107.6902895
09-n.-24 14:00:00	0.075498141	36.57431412	7.009438992	879.5283813		108.9021759
09-n.-24 15:00:00	0.063797526	36.36883545	6.947760582	879.330078		115.5122147
09-n.-24 16:00:00	0.052096914	36.12966919	6.936947346	879.1376343		108.5054245
09-n.-24 17:00:00	0.040396299	36.09326172	6.948223591	878.9423218		111.1530609
09-n.-24 18:00:00	0.028695682	34.9909935	6.816378593	878.7469487		121.3039551
09-n.-24 19:00:00	0.016995067	33.57030106	6.686247826	878.5515747		104.4218903
09-n.-24 20:00:00	0.021116702	32.35935593	6.627498044	878.3563622		106.4115372
09-n.-24 21:00:00	0.02834038	31.30887032	6.568731785	879.4354663		107.9989395
09-n.-24 22:00:00	0.035466078	30.25483828	6.525784669	881.8009033		107.424408
09-n.-24 23:00:00	0.042587765	31.19784355	7.067420483	882.5224609	10.2445612	105.7659809
10-n.-24 00:00:00	49.7062912	31.02530861	7.297212601	881.7385864	16.59106636	104.1519241
10-n.-24 01:00:00	50.09159393	30.85277557	7.259284019	880.9547119	12.10408974	102.306282
10-n.-24 02:00:00	49.43207869	30.68042454	7.221355438	880.1708374	13.34733486	118.8301086
10-n.-24 03:00:00	0.104104511	30.3958646	7.002337456	879.3869629	14.83315277	106.1414795
10-n.-24 04:00:00	0.094554856	29.68284416	6.900428581	878.6030273	3.095841169	82.89992523
10-n.-24 05:00:00	0.085005201	28.96982193	6.512860298	877.8191528	2.452534914	96.93518066
10-n.-24 06:00:00	0.075455539	28.29766273	6.50385952	877.0352783	2.038573027	0.326696783
10-n.-24 07:00:00	0.065905884	28.09194565	6.511524677	877.1914063		0.288015157
10-n.-24 08:00:00	0.056356229	29.09624863	6.684988976	877.999939		0.24933356
10-n.-24 09:00:00	0.04680657	30.58167458	6.730134964	878.8084717		0.210651949
10-n.-24 10:00:00	0.037256915	32.05248642	6.716978073	879.6170044		0.171970353
10-n.-24 11:00:00	0.032571871	35.76945114	6.876363277	880.4255981		0.133288741
10-n.-24 12:00:00	0.033203997	37.21432114	6.905796051	881.2341309		0.094607137
10-n.-24 13:00:00	0.033836119	36.80423737	6.825757504	882.0426636		0.055925533
10-n.-24 14:00:00	0.034468241	36.65382004	6.810712337	882.8512573		0.104361661

September-24

*Remark
Copy value to the adjacent cell.

	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
Time	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
10-n.-24 15:00:00	0.035100367	33.59462738	6.604046345	880.6394043		0.167670414
10-n.-24 16:00:00	0.035732489	32.23952866	6.545542717	878.4750366		0.230979159
10-n.-24 17:00:00	0.036364611	32.13938904	6.596306324	877.067627		0.29428792
10-n.-24 18:00:00	0.036996737	31.24833107	6.577018261	875.6602173		0.357596666
10-n.-24 19:00:00	0.037672449	30.05638885		874.2528076		0.420905411
10-n.-24 20:00:00	0.038374003	29.21538925		872.8453979		93.65732574
10-n.-24 21:00:00	0.039075561	31.46723747	6.552045345	848.7694092	3.782216072	205.6103822
10-n.-24 22:00:00	0.039777115	31.61164093	6.665211678	851.7219849	8.258709908	208.3406219
10-n.-24 23:00:00	0.040478673	31.51601028	6.949103832	854.6745605	13.32128334	208.1584015
11-n.-24 00:00:00	49.50769806	31.38300514	7.126670361	857.6271362	10.72092152	206.777832
11-n.-24 01:00:00	48.95639038	31.25	7.126576424	861.479126	13.30106068	209.1889193
11-n.-24 02:00:00	48.62392807	31.11699486	7.12648201	869.531189	18.87757492	205.6701508
11-n.-24 03:00:00	48.73838425	30.98398972	7.126388073	871.0709229	11.17051601	210.6521301
11-n.-24 04:00:00	49.15002441	30.85098457	7.125308514	870.6896362	11.41025352	206.9345398
11-n.-24 05:00:00	49.61939386	30.71797943	7.121225834	870.3082886	11.95824814	209.1632996
11-n.-24 06:00:00	50.07277679	30.58513069	7.069683075	869.927002	12.86037636	210.559082
11-n.-24 07:00:00	0.114617288	30.46012497	7.036709309	850.3101196	11.23992729	206.171936
11-n.-24 08:00:00	0.106164172	30.36414337	6.801856518	845.9702759	3.764741659	206.9991455
11-n.-24 09:00:00	0.097711049	31.54491997	6.888486862	846.4465332	2.440445185	207.6061249
11-n.-24 10:00:00	0.089257933	32.8349762	6.915757656	846.9228516		185.6460724
11-n.-24 11:00:00	0.08080481	34.68971252	6.946081638	847.3991089		116.0675049
11-n.-24 12:00:00	0.072351687	35.99815369	6.979236126	847.8753622		113.8253784
11-n.-24 13:00:00	0.063898571	36.60778046	6.984089851	848.3516235		190.461853
11-n.-24 14:00:00	0.055445448	37.4235878	6.988490582	848.8278809		116.773056
11-n.-24 15:00:00	0.048400771	36.62042999	6.900913239	849.3130493		151.2807617
11-n.-24 16:00:00	0.050295025	36.07967377	6.884011269	850.8568895		127.5206757
11-n.-24 17:00:00	0.052189279	34.9277916	6.824858665	852.4003906		116.5328522
11-n.-24 18:00:00	0.054083534	33.58847809	6.708738804	853.9440308		106.9908905
11-n.-24 19:00:00	0.055977788	32.24916077	6.635436535	855.4876709		125.2103424
11-n.-24 20:00:00	0.057872046	30.90984726	6.562432766	857.0313721		106.3422012
11-n.-24 21:00:00	0.0597663	31.0435276	6.953834057	841.7947388	11.72393894	103.9712372
11-n.-24 22:00:00	49.81982803	30.93890381	7.162294865	951.6377563	13.58498573	121.5561905
11-n.-24 23:00:00	49.89688544	30.77689034	7.209235191	956.640625	13.717906	156.8293304
11-n.-24 00:00:00	49.50108719	30.61847496	7.200375089	956.0494995	13.88030434	145.1276245
11-n.-24 01:00:00	49.31044388	30.45826149	7.187530041	955.458313	13.82086318	157.923279
11-n.-24 02:00:00	49.4856385	30.29804611	7.174685001	954.8671875	13.78024006	159.791153
11-n.-24 03:00:00	0.056330107	29.28320122	6.837356091	954.276001	3.534277439	148.141151
11-n.-24 04:00:00	0.05244791	28.48294449	6.935684145	953.6848145	2.447501183	154.9729462
11-n.-24 05:00:00	0.048565712	27.75105858	6.95393689	953.093689	2.343342034	150.0766907
11-n.-24 06:00:00	0.044683516	27.01917458	6.9525025024	952.5025024	2.251670122	144.1145325
11-n.-24 07:00:00	0.040801316	26.9893074	6.9527387695	952.7387695	2.135834217	116.4440019
11-n.-24 08:00:00	0.036191321	27.0347771	6.9534863281	953.4863281	2.082050085	111.2331619
11-n.-24 09:00:00	0.033038692	27.58423615	6.954383886	954.4383886		110.9109897
11-n.-24 10:00:00	0.029154724	31.60640335	6.9519815063	954.9815063		111.551329
11-n.-24 11:00:00	0.03017603	35.38141632	6.937868332	955.7290649		114.053215
11-n.-24 12:00:00	0.033044498	38.85226059	6.858778616	956.4766235		111.5608215
11-n.-24 13:00:00	0.035912968		6.948225498	957.2241821		111.390419
11-n.-24 14:00:00	0.038781438		6.945155144	957.9717407		117.2437134
11-n.-24 15:00:00	0.041649904		6.89931015	957.7004395	2.764812469	185.3452606
11-n.-24 16:00:00	0.044518374	38.17549133	6.780708313	957.1336188		148.2473602
11-n.-24 17:00:00	0.04738664	36.21707535	6.739820004	956.5662842		179.8553619
11-n.-24 18:00:00	0.05025531	34.60656357	6.695719242	955.9992065		135.239212
11-n.-24 19:00:00	0.048834282	32.28423309	6.593966007	955.4321289		184.6512451
11-n.-24 20:00:00	0.046480202	30.64385796	6.557667255	954.8649092		141.5376129
11-n.-24 21:00:00	0.044842035	31.56515312	6.79982373	1303.365479		122.973465
11-n.-24 22:00:00	0.042843837	31.418869	6.992271541	1357.65625	13.77111435	185.1932678
11-n.-24 23:00:00	50.4250145	31.31862259	7.153710842	1334.442505	12.07992649	177.3361816
11-n.-24 00:00:00	50.96871185	31.19535637	7.179841995	1355.115967	20.02343369	132.9154816
11-n.-24 01:00:00	50.5310088	31.07209015	7.205973625	1358.970337	15.3209219	138.1799469
11-n.-24 02:00:00	51.09720993	30.94882584	7.232104778	1362.824707	11.25983524	127.9234085
11-n.-24 03:00:00	51.77737045	30.82555962	7.24367801	1366.679077	10.9821043	133.6710968
11-n.-24 04:00:00	52.18515396	30.65403748	7.234383383	1365.903809	12.27508613	130.5513306
11-n.-24 05:00:00	52.60752828	30.47418213	7.225093365	1364.768066	10.85655975	128.5072021
11-n.-24 06:00:00	0.066975832	29.76751709	6.956694126	1363.632324	3.831724464	177.3532715
11-n.-24 07:00:00	0.061324794	28.86912346	6.820858955	1362.496582	3.158056736	121.1358414
11-n.-24 08:00:00	0.055673752	28.87911415	6.821156502	1361.36084	2.264274359	184.7595215
11-n.-24 09:00:00	0.05002271	29.98772621	6.833554268	1361.306763		185.0679932
11-n.-24 10:00:00	0.044371668	33.08923721	6.913052559	1362.389893		127.3177414
11-n.-24 11:00:00	0.038720626	36.82843399	6.986914635	1363.4729		125.0073395
11-n.-24 12:00:00	0.033069585	39.87881088	6.997777462	1364.55603		128.538559
11-n.-24 13:00:00	0.027418545		7.015393734	1365.639038		185.3835907
11-n.-24 14:00:00	0.027331686		6.99064899	1365.181641		185.1516876
11-n.-24 15:00:00	0.027882291	39.20311737	7.012443066	1363.05896		127.456543
11-n.-24 16:00:00	0.028432898	38.4950943	6.961558819	1360.936279		184.3223877
11-n.-24 17:00:00	0.028983504	36.38753128	6.824671745	1358.813599		158.3125916
11-n.-24 18:00:00	0.029534109	33.9025941	6.709547043	1356.69104		128.6208496
11-n.-24 19:00:00	0.030084714	31.97550964	6.636356354	1354.568359		137.1147766

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*Remark
Copy value to column header.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
13-n.u.-24 20:00:00	0.030635322	31.19188118	7.13849926	1141.514526	9.185407639	140.964859
13-n.u.-24 21:00:00	50.04679108	31.62960243	7.837817669	16.15048409	16.15048409	140.7489166
13-n.u.-24 22:00:00	50.93725886	31.64125633	7.826920509	1080.28186	14.87869072	138.9318848
13-n.u.-24 23:00:00	50.76114737	31.29389763	7.725563049	1081.478271	13.45192051	148.7095642
14-n.u.-24 00:00:00	51.37247467	30.71666336	7.6085186	1074.000366	14.62579918	185.6354218
14-n.u.-24 01:00:00	51.63705886	30.38126183	7.463212013	1052.561279	12.33687496	139.2362823
14-n.u.-24 02:00:00	52.31135176	30.71738863	7.317905426	1024.758545	9.397267342	140.4101105
14-n.u.-24 03:00:00	52.855896	29.96151733	7.210740566	989.9825439	5.318618774	134.332428
14-n.u.-24 04:00:00	53.20890045	29.75164604	7.143675327	980.2969971	5.920452118	148.6343536
14-n.u.-24 05:00:00	0.08260297	29.31962395	6.929921627	980.348999	2.019806385	142.8199768
14-n.u.-24 06:00:00	0.076409854	28.16890907	981.2542725			0.501966417
14-n.u.-24 07:00:00	0.070216745	27.62641335	982.1594849			0.441301465
14-n.u.-24 08:00:00	0.064023636	27.33080482	983.0646973			0.380636513
14-n.u.-24 09:00:00	0.057830524	27.95431328	983.9690997			0.319971561
14-n.u.-24 10:00:00	0.051637411	29.89826399	6.534746647	984.8751221		0.259306639
14-n.u.-24 11:00:00	0.045444302	36.36347961	6.696593761	985.7803345	2.538451672	0.198641688
14-n.u.-24 12:00:00	0.03925119	37.68032837	6.73974514	986.5388794	3.11322093	0.137976751
14-n.u.-24 13:00:00	0.037130691	38.6427536	6.732953548	985.5577393	3.38330555	0.077311806
14-n.u.-24 14:00:00	0.039690819		6.786102295	984.5766602	4.795219421	0.027610896
14-n.u.-24 15:00:00	0.042250942	38.44668961	6.853847027	983.59552	0.027206285	0.046171768
14-n.u.-24 16:00:00	0.044811066	38.85915756	6.890735626	982.6144409	0.026801674	0.05122816
14-n.u.-24 17:00:00	0.04737119	35.10388555	6.736187458	981.6333008	0.026397061	0.047492523
14-n.u.-24 18:00:00	0.049931318	29.2728239	980.6522217			0.025992449
14-n.u.-24 19:00:00	0.052491441	28.55575752	979.6711426	0.025587838		0.041519985
14-n.u.-24 20:00:00	0.055051565	30.66161728	6.909071922	1020.454285	7.325964928	0.025183225
14-n.u.-24 21:00:00	48.31253052	31.52421761	7.54948473	1134.035156	15.9751749	0.024778614
14-n.u.-24 22:00:00	49.36651993	31.57761192	7.627417088	1156.657471	15.02311325	0.02509187
14-n.u.-24 23:00:00	48.58128357	31.63100624	7.594858646	1161.949707	17.20705964	0.026796864
15-n.u.-24 00:00:00	49.2574501	31.65133187	7.562300205	1167.241943	17.88736725	0.028501857
15-n.u.-24 01:00:00	50.0608139	31.61839104	7.529741764	1171.725708	17.50320625	0.030206852
15-n.u.-24 02:00:00	51.56401448	31.58546829	7.497183323	1172.573608	12.57913017	0.031911846
15-n.u.-24 03:00:00	52.14896011	31.56264877	7.464624882	1173.421631	17.92795372	0.033616837
15-n.u.-24 04:00:00	52.70794678	31.57725716	7.432066441	1174.269531	18.98424339	0.035321832
15-n.u.-24 05:00:00	52.31495285	31.59186554	7.399507999	1175.117554	10.69508171	0.037026826
15-n.u.-24 06:00:00	52.78384399	31.60647392	7.377970695	1175.965454	13.69986629	0.035047181
15-n.u.-24 07:00:00	53.04487991	31.62108231	7.176831477	1176.813477	7.364533901	0.029341556
15-n.u.-24 08:00:00	53.25202942	31.63569069	7.374355316	1177.661499	11.08856487	0.023635931
15-n.u.-24 09:00:00	53.54090881	31.65029907	7.466311932	1178.374023	12.22925854	0.017930305
15-n.u.-24 10:00:00	0.01637787	32.99858856	7.192750454	1178.822632	5.868084908	0.012224679
15-n.u.-24 11:00:00	0.02232861	35.69706345	6.979310989	1179.27118	3.343867779	0.006519054
15-n.u.-24 12:00:00	0.028279349	37.7693131	7.012676239	1179.719727		0.000813428
15-n.u.-24 13:00:00	0.034230091	39.42607498	7.04424715	1180.168213		-0.004892197
15-n.u.-24 14:00:00	0.040180828	39.73503113	7.029882431	1180.616699		-0.003314879
15-n.u.-24 15:00:00	0.04613157	39.45557404	7.025370598	1181.065308		0.002112654
15-n.u.-24 16:00:00	0.052082308	38.60249329	6.978953362	1181.513794		0.007540186
15-n.u.-24 17:00:00	0.058033049	37.23566437	6.917586803	1181.705566		0.012967719
15-n.u.-24 18:00:00	0.053153787	35.83304596	6.840227604	1181.51001		0.018395251
15-n.u.-24 19:00:00	0.04237124	32.54655075	6.73282671	1181.314331		0.023822784
15-n.u.-24 20:00:00	0.031588688	31.90467072	7.234006405	1028.62793	7.243988037	0.029250316
15-n.u.-24 21:00:00	49.79011917	31.90955544	7.528134823	971.2808228	9.515818596	0.034677848
15-n.u.-24 22:00:00	50.363444928	31.72678185	7.478083611	957.7369995	8.853056908	0.036368169
15-n.u.-24 23:00:00	50.20961761	31.59492683	7.402728558	956.6663818	7.507410526	0.037188228
16-n.u.-24 00:00:00	50.06742066	31.497612	7.339739323	955.958252	6.648990154	0.038008288
16-n.u.-24 01:00:00	50.10779972	31.40029716	7.276750088	954.5252075	6.522447109	0.038828347
16-n.u.-24 02:00:00	50.2277298	31.30298233	7.213760853	953.4545898	5.507828236	0.039648406
16-n.u.-24 03:00:00	50.29241993	31.2056675	7.150771141	952.3840332	5.168314457	0.040468466
16-n.u.-24 04:00:00	50.44984818	31.10835075	7.0966969155	951.3134155	4.816184521	0.041288525
16-n.u.-24 05:00:00	50.51374871	31.01103592	7.056352139	950.6145874	4.886271954	0.042108584
16-n.u.-24 06:00:00	50.63098416	30.91371108	7.045241833	951.1815186	4.943034586	0.043034586
16-n.u.-24 07:00:00	50.3841131	30.86090999	7.03413105	951.985107	5.351119041	0.043987408
16-n.u.-24 08:00:00	50.52429377	30.82331848	7.010706902	951.5154149	0.044928521	0.044928521
16-n.u.-24 09:00:00	0.042813461	32.52888052	6.651600361	951.6824341	4.701726437	0.045870449
16-n.u.-24 10:00:00	0.042987872	35.09513092	6.634471416	951.8493652		0.046811972
16-n.u.-24 11:00:00	0.043162279	38.2726593	6.699615479	952.0163574		0.047753491
16-n.u.-24 12:00:00	0.043336689		6.751200199	952.1832886		0.048695013
16-n.u.-24 13:00:00	0.0435111		6.774848938	957.8407593		0.049733523
16-n.u.-24 14:00:00	0.043885507	31.77968216	7.237150669	930.4822727	3.452619553	0.051468603
16-n.u.-24 15:00:00	0.043859918	34.61747742	6.952055931	921.7890015		0.053203683
16-n.u.-24 16:00:00	0.043916177	34.23857498	6.732117219	921.9318237		0.054938763
16-n.u.-24 17:00:00	0.043123979	34.06565094	6.688352108	922.074585		0.056673843
16-n.u.-24 18:00:00	0.042331781	33.50360107	6.636501312	922.2174072		0.058408923
16-n.u.-24 19:00:00	0.041539587	32.70388412		922.3601685		0.060144003
16-n.u.-24 20:00:00	0.040747389	31.90416527		922.5029297		0.061879084
16-n.u.-24 21:00:00	0.039955191	31.08441925		922.645752		0.064234763
16-n.u.-24 22:00:00	0.039162993	32.09244919	6.567883015	954.5980225	5.905273914	154.1239319
16-n.u.-24 23:00:00	49.72708911	32.28855896	6.753483295	971.8604126	8.877346039	187.6108093
17-n.u.-24 00:00:00	49.81153107	32.21807861	6.849937916	976.8810425	10.16312408	185.0239868

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
17-n.u.-24 01:00:00	49.00425339	32.14760208	6.892965317	981.9016724	10.22298908	156.923035
17-n.u.-24 02:00:00	49.1969223	32.07712555	6.92186451	984.2112427	11.027318	156.235846
17-n.u.-24 03:00:00	49.42278871	31.9315052	6.950763226	986.4433594	13.12672329	150.5189667
17-n.u.-24 04:00:00	49.72386561	31.78052139	6.979661942	988.6754761	11.75907963	149.2934113
17-n.u.-24 05:00:00	49.78949516	31.62953568	7.008560658	990.9075928	11.30032921	151.5510254
17-n.u.-24 06:00:00	49.82244873	31.47854996	6.986707211	986.0817261	11.29022408	144.6745148
17-n.u.-24 07:00:00	0.064454481	31.06615639	6.751987934	976.0963745	2.917962074	152.9184418
17-n.u.-24 08:00:00	0.061343346	30.77070236	6.653523445	976.3742065	2.275965452	161.7160339
17-n.u.-24 09:00:00	0.058232211	30.89280319	6.632699013	976.6520386		156.6358384
17-n.u.-24 10:00:00	0.055121079	31.65163803	6.650594711	976.9299316		148.3246613
17-n.u.-24 11:00:00	0.052009944	32.2092247	6.693784714	977.2077637		154.346817
17-n.u.-24 12:00:00	0.048898812	32.58049393	6.648901939	977.4856567		152.6134338
17-n.u.-24 13:00:00	0.045787677	33.62082672	6.662648678	977.7634888		147.2644196
17-n.u.-24 14:00:00	0.042676546	37.18272725	6.751491547	978.0413208		153.9391174
17-n.u.-24 15:00:00	0.042416524	37.68372345	6.831676483	977.0015869		151.7761841
17-n.u.-24 16:00:00	0.042267572	37.11064148	6.76889658	971.6986084		145.1938019
17-n.u.-24 17:00:00	0.04211862	32.2948761	6.64013052	966.8932495		152.1739502
17-n.u.-24 18:00:00	0.041969668	30.42180252		947.599636		152.4128265
17-n.u.-24 19:00:00	0.04182072	29.20596695		21.9953918	3.672128201	146.2880249
17-n.u.-24 20:00:00	0.041671768	28.56342888		218.6075287	3.059073925	150.7467041
17-n.u.-24 21:00:00	0.041522816	31.50819969	6.905946255	904.6645508	9.630991936	157.800659
17-n.u.-24 22:00:00	49.27492523	31.60660744	7.515432835	908.0388184	15.1851482	148.8157196
17-n.u.-24 23:00:00	50.31234741	31.4951725	7.543669224	911.4130249	15.98346901	159.091644
18-n.u.-24 00:00:00	49.5199985	31.38373756	7.474106312	914.7872314	17.51402902	162.9624542
18-n.u.-24 01:00:00	49.59160283	31.27230263	7.404542923	918.161348	14.61939144	142.8128994
18-n.u.-24 02:00:00	49.7913137	31.16086769	7.334980011	921.5357056	12.85518646	145.6420288
18-n.u.-24 03:00:00	49.89777756	31.04943085	7.26541709	923.918335	12.07381058	151.617938
18-n.u.-24 04:00:00	50.1856862	30.93799591	7.202225228	924.8475342	14.97740269	162.024414
18-n.u.-24 05:00:00	50.23089218	30.82656097	7.155038357	925.7767334	12.11097341	159.308136
18-n.u.-24 06:00:00	0.072903916	30.47217369	7.107851505	926.7059326	11.44238186	158.8309631
18-n.u.-24 07:00:00	0.067016095	29.88785553	6.95448396	927.6351318	10.70807838	142.8108368
18-n.u.-24 08:00:00	0.061128274	29.85848999	6.86854271	928.5643311	20.01751328	145.77565
18-n.u.-24 09:00:00	0.052405446	30.89373511	6.800710201	918.6196289	7.59769157	151.70695
18-n.u.-24 10:00:00	0.049352635	33.87248993	6.812575817	653.8549194	4.494734287	144.9960938
18-n.u.-24 11:00:00	0.043464813	35.50683594	6.865802288	369.4412842	5.6973176	163.1219482
18-n.u.-24 12:00:00	0.037576992	37.18736267	6.871119976	250.4671173	5.894953251	159.2122498
18-n.u.-24 13:00:00	0.031689171	33.97118759	6.663604736	230.2891998	7.495966434	150.578359
18-n.u.-24 14:00:00	0.028717527	32.34445953	6.602946758	228.4533234	6.904726028	155.2931213
18-n.u.-24 15:00:00	0.030437112	33.28020859	6.618929386	226.6174469	11.74341583	147.5406342
18-n.u.-24 16:00:00	0.032156695	32.40579224	6.575194836	224.7815552	9.432126045	147.190771
18-n.u.-24 17:00:00	0.033876284	30.67247009	6.531460285	222.9456787	9.190114021	151.204987
18-n.u.-24 18:00:00	0.035595864	29.3683033		221.1098022	9.026182175	141.7441711
18-n.u.-24 19:00:00	0.037315447	27.87699013		219.2739105	8.662282944	149.72818451
18-n.u.-24 20:00:00	0.039035033	29.09797894		217.4380341	8.355368649	148.3751686
18-n.u.-24 21:00:00	0.040754616	31.32839584	6.646285534	1029.038337	4.256607056	148.232419
18-n.u.-24 22:00:00	50.37209883	31.40834236	7.135575485	1099.529321	9.975616455	141.8303278
18-n.u.-24 23:00:00	50.0772985	31.39232063	7.0862185936	1086.404149	16.82960129	11.88091113
19-n.u.-24 00:00:00	49.44439637	31.27817345	7.181205162	1100.879639	20.020765	0.16290849
19-n.u.-24 01:00:00	49.6243782	31.16402435	7.140553188	1103.934814	20.0205307	0.144825831
19-n.u.-24 02:00:00	49.63800922	31.04987526	7.482480404	1103.587728	20.020298	0.12674313
19-n.u.-24 03:00:00	49.97637177	30.93572617	7.512329102	1103.239746	20.020634	0.108660541
19-n.u.-24 04:00:00	50.17011662	30.82157898	7.54224968	1102.892334	20.0198307	0.0905779
19-n.u.-24 05:00:00	50.27299881	30.7042989	7.572170734	1102.5448	20.01959801	0.072495259
19-n.u.-24 06:00:00	50.25584412	30.59328079	7.602091789	1102.197266	20.0193634	0.054412611
19-n.u.-24 07:00:00	50.35622406	30.39321899	7.592455864	1107.308838	20.01913071	0.042267218
19-n.u.-24 08:00:00	0.170154601	30.14632797	7.295585632	1076.019531	3.973721266	0.038774289
19-n.u.-24 09:00:00	0.150934175	30.10028076	7.257858276	1077.534546	3.694538593	0.035281364
19-n.u.-24 10:00:00	0.131713748	30.7987957	7.453711037	1073.434326	4.695004463	0.031788435
19-n.u.-24 11:00:00	0.112493314	33.72402573	7.509735103	1053.563232		0.02829551
19-n.u.-24 12:00:00	0.09327288	37.63911057	7.536953449	1059.193481		0.024802582
19-n.u.-24 13:00:00	0.074052453	38.64550018	7.545595646	1058.223511		0.021309655
19-n.u.-24 14:00:00	0.054832019		7.581853867	1057.253418		0.017816728
19-n.u.-24 15:00:00	0.03734196		7.602815628	1056.283325		0.018340873
19-n.u.-24 16:00:00	0.038214725		7.577585697	1055.313354		0.021989601
19-n.u.-24 17:00:00	0.039087493	38.32048798	7.407896519	1054.343262		0.025638331
19-n.u.-24 18:00:00	0.039960258	36.72645187	7.339090824	1053.373169		0.029287061
19-n.u.-24 19:00:00	0.040833022	35.13241959	7.270284653	1052.403198		0.02935791
19-n.u.-24 20:00:00	0.041075791	33.53838348	7.201478958	1052.30603		0.036584519
19-n.u.-24 21:00:00	0.042578556	31.70245934	8.00179634	1001.28995	15.70280743	0.040233247
19-n.u.-24 22:00:00	50.31413651	31.83002853	7.731478214	997.7064209	17.58606911	0.043881975
19-n.u.-24 23:00:00	50.49913788	31.75738907	7.744515493	996.4710083	15.46243286	0.116940036
20-n.u.-24 00:00:00	50.0615921	31.6847477	7.71380524	995.235597	14.57948589	0.217816323
20-n.u.-24 01:00:00	50.00060272	31.61210632	7.657017708	994.0002441	13.74838734	148.7701263
20-n.u.-24 02:00:00	50.52102661	31.53360176	7.50276475	992.7648315	13.16122627	156.208068
20-n.u.-24 03:00:00	50.51626587	31.43750954	7.223353863	995.1461182	12.67760944	156.0892487
20-n.u.-24 04:00:00	50.79154449	31.34141541	7.32040596	998.5360107	12.74163437	156.353912
20-n.u.-24 05:00:00	50.75778198	31.24532318	7.417457581	1001.925964	14.69408417	121.7918625

September-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
20-n-24 06:00:00	50.91992569	31.14923096	7.483680248	1005.315918	15.04662132	98.88186646
20-n-24 07:00:00	0.152665526	30.99531555	7.170951843	1008.705811	2.655766487	125.9195023
20-n-24 08:00:00	0.138786167	30.49104881	7.000463963	1009.133972		188.988921
20-n-24 09:00:00	0.124906816	30.40487289	6.982220173	1008.574829		187.0910034
20-n-24 10:00:00	0.111027464	30.35532761	6.978202343	1008.015625		174.4061208
20-n-24 11:00:00	0.097148113	30.30578041	6.964773178	1007.456482		167.564276
20-n-24 12:00:00	0.083268762	30.30948067	6.947098255	1006.897339		160.3740082
20-n-24 13:00:00	0.06938941	31.50436592	7.019978523	1006.338196		147.5007782
20-n-24 14:00:00	0.055510055	33.41767883	7.050326347	1005.778992		160.8614655
20-n-24 15:00:00	0.045542654	35.55504227	7.32482338	1005.219849		152.5829773
20-n-24 16:00:00	0.041477147	35.17166138	7.21938324	1001.344604		156.7449493
20-n-24 17:00:00	0.037411641	34.53708267	7.170882225	997.3451538		177.1187401
20-n-24 18:00:00	0.033346139	32.41625977	7.076267719	993.3457031		146.6743317
20-n-24 19:00:00	0.029280633	25.69390488	6.816400051	1008.274658		127.5145416
20-n-24 20:00:00	0.025215127	31.32987404	7.345139503	964.8787231	3.059930563	86.0430756
20-n-24 21:00:00	0.021149622	31.36537552	7.428350925	985.7956543	19.99044418	184.7755737
20-n-24 22:00:00	50.03170013	31.2602005	7.446285248	984.0603027	7.214341164	140.6346893
20-n-24 23:00:00	49.53078079	31.15502357	7.462419093	982.3249512	7.907398701	148.1802826
21-n-24 00:00:00	49.22136307	31.04984856	7.482152939	980.5895996	6.903502464	139.5125732
21-n-24 01:00:00	49.37383652	30.94467354	7.500087261	978.854187	124.199501	7.06301781
21-n-24 02:00:00	0.031718835	30.89394852	7.518021107	977.1188354		126.4450572
21-n-24 03:00:00	49.93206024	30.73432159	7.535955429	975.3834839	6.294172764	112.9350542
21-n-24 04:00:00	49.61616916	30.62914658	7.553889275	959.6918945	5.769271851	137.6389923
21-n-24 05:00:00	49.25415039	30.55745506	7.563678741	940.2965698	136.2403412	136.2403412
21-n-24 06:00:00	49.34059906	30.50314144	7.570054054	920.9011841	6.620003223	137.7824846
21-n-24 07:00:00	49.89349797	30.44882774	7.557121754	918.4042358	6.479058743	125.5654526
21-n-24 08:00:00	50.05213394	30.39451408	7.555261612	917.9899292	5.625795841	122.402771
21-n-24 09:00:00	50.12608719	30.37556839	7.629936695	917.5756226	4.255142212	131.8001862
21-n-24 10:00:00	0.094782218	30.55486488	7.780785561	917.1631159		124.782692
21-n-24 11:00:00	0.088413335	31.95238686	7.467742443	918.9049072		185.9703979
21-n-24 12:00:00	0.082044452	34.05234173	7.442531586	924.2235718		126.8545074
21-n-24 13:00:00	0.075675569	37.13516235	7.507443905	923.1785889		29.7139587
21-n-24 14:00:00	0.069306687	38.04027557	7.549974442	917.8666992		125.6279068
21-n-24 15:00:00	0.062937796	34.52233124	7.29867506	916.7803955		122.7696991
21-n-24 16:00:00	0.056568913	33.11554944	7.280143261	917.3418579		117.6201248
21-n-24 17:00:00	0.05020003	31.89572144	7.277746201	917.9038313		126.983223
21-n-24 18:00:00	0.045268644	30.47932243	7.336361885	918.4649048	2.174185514	29.7246399
21-n-24 19:00:00	0.04738332	29.49079132	7.41269207	919.2868042		129.2769928
21-n-24 20:00:00	0.049497996	30.68623161	7.329041958	791.8101807	8.761907578	184.5380249
21-n-24 21:00:00	0.051612671	30.94346237	7.387908936	885.3466187	5.054107189	119.1839218
21-n-24 22:00:00	49.93737793	30.86691902	7.432898521	900.0489502	7.5	122.5996857
21-n-24 23:00:00	49.85891724	30.8037758	7.426024437	912.8321533	7.5	123.763443
22-n-24 00:00:00	49.19777759	30.77383614	7.419150352	912.7226563	8.100000381	29.6766815
22-n-24 01:00:00	49.27765616	30.72084427	7.412276268	912.6131592	8.100000381	122.9958115
22-n-24 02:00:00	49.63299911	30.67189977	7.405402184	912.5036621	7.800000191	122.7554779
22-n-24 03:00:00	49.77573955	30.63555336	7.400549889	912.394165	7.800000191	114.1274261
22-n-24 04:00:00	49.98168955	30.5920695	7.399127007	912.284668	7.800000191	122.8033218
22-n-24 05:00:00	50.14880971	30.55026245	7.397704124	912.1751709	7.800000191	126.941597
22-n-24 06:00:00	50.4829576	30.50761604	7.396281719	912.0656738	7.800000191	124.5321579
22-n-24 07:00:00	50.34116785	30.48288727	7.394858837	910.116394	7.800000191	83.9765167
22-n-24 08:00:00	50.52793884	30.51353455	7.445055485	906.8973999	6.599999905	127.8362579
22-n-24 09:00:00	50.56641006	30.54418373	7.517520905	903.6784058	7.119999986	123.9575577
22-n-24 10:00:00	0.008216766	30.7310009	7.065840721	907.4985962	7.119999986	128.8006744
22-n-24 11:00:00	0.01019357	31.71031761	7.053969383	916.9503784	7.119999986	84.2963867
22-n-24 12:00:00	0.012170373	32.81290817	7.05515781	926.4022217	7.119999986	128.2991333
22-n-24 13:00:00	0.014147175	34.00265121	7.07689972	935.8540039	7.119999986	131.885357
22-n-24 14:00:00	0.016123978	30.03780365	6.778263092	939.7351074	7.119999986	122.5439224
22-n-24 15:00:00	0.018100781	28.51942635	6.685248852	940.293335	7.119999986	126.105423
22-n-24 16:00:00	0.020077586	28.07892476	6.604162369	940.8516235	7.119999986	126.5110474
22-n-24 17:00:00	0.022054389	30.28477328	6.944020748	985.3116455	7.119999986	121.7876663
22-n-24 18:00:00	0.025480345	30.1588077	6.95051029	917.6508887	121.9693222	121.9693222
22-n-24 19:00:00	0.029499002	29.46800423	6.719645023	825.9628296	6.055579185	825.9628296
22-n-24 20:00:00	0.033517659	28.77713776	6.644415379	836.2647705	5.450252056	122.4634933
22-n-24 21:00:00	0.037536319	31.15329933	7.183432579	912.6958618	4.466684341	81.957275
22-n-24 22:00:00	0.041554976	31.09377098	7.306041241	930.3143921	5.057542495	0.266915709
22-n-24 23:00:00	50.02750778	30.95753288	7.42584753	942.8471069	5.441545486	0.244796485
23-n-24 00:00:00	49.7783402	30.91394615	7.46762085	943.821106	5.36697197	0.222677246
23-n-24 01:00:00	49.51511926	30.87035942	7.500049114	944.795105	5.328204155	0.200558007
23-n-24 02:00:00	49.47714996	30.82677269	7.532477379	945.769104	5.439718723	0.178438768
23-n-24 03:00:00	49.86367899	30.78318787	7.544371128	946.7431093	5.737869263	0.156319529
23-n-24 04:00:00	49.3289185	30.73960114	7.54831171	947.7171021	5.909408569	0.13420029
23-n-24 05:00:00	50.0594902	30.6960144	7.54027319	948.6911011	6.094667912	0.112081058
23-n-24 06:00:00	50.15737973	30.65242767	7.522488117	949.6651001	5.997205734	0.093908638
23-n-24 07:00:00	50.14203644	30.59140015	7.504702568	928.3965454	6.219390869	0.080753878
23-n-24 08:00:00	50.1728173	30.5295372	7.539931774	915.1334839	6.570036411	0.067599118
23-n-24 09:00:00	50.1971871	30.60212135	7.619442463	918.4291382	6.992917538	0.054443558
23-n-24 10:00:00	0.049942318	32.60608673	7.644256817	922.3776245	4.508610725	0.041289598

September-24

*Remark
Copy value to the adjacent cell.

	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
Time	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
23-n-24 11:00:00	0.0484301	36.11427689	7.483564377	927.2940063	3.586573839	0.028134838
23-n-24 12:00:00	0.046917882	37.8380394	7.546552658	932.2103882	2.978838921	0.014980079
23-n-24 13:00:00	0.045405664	38.77433777	7.601712227	937.12677	2.823915005	0.001825319
23-n-24 14:00:00	0.043893449		7.823618412	942.0432129	2.640540478	-0.000137533
23-n-24 15:00:00	0.042381231		7.962109566	951.0080566	2.607947111	0.005447542
23-n-24 16:00:00	0.040869012		7.981886387	961.4872437	2.650565147	0.011032617
23-n-24 17:00:00	0.039356794	39.75551224	7.929329872	966.18927	2.7197299	0.016617691
23-n-24 18:00:00	0.037781294	37.26025391	7.759279728	962.3253784	2.877319336	0.02202766
23-n-24 19:00:00	0.036184546	32.56126022	7.553747654	958.4614258	3.09214735	0.02778784
23-n-24 20:00:00	0.034587797	30.77081871	7.479259968	954.5975342	3.151798725	0.033372916
23-n-24 21:00:00	0.032991048	29.10676765	7.474093914	950.7336426	3.170166731	0.038957991
23-n-24 22:00:00	0.031394299	31.25082588	7.311648846	892.3591919	8.697994232	0.041650858
23-n-24 23:00:00	50.33258483	31.32920074	7.290960312	878.8394775	9.467648506	0.043365262
24-n-24 00:00:00	50.44709015	31.4075737	7.310272758	880.5368042	9.177293777	0.045079663
24-n-24 01:00:00	50.00524951	31.15039063	7.330783844	882.2340698	8.869400002	0.046794068
24-n-24 02:00:00	0.092997067	30.41182137	7.697949136	883.9313965	5.848947525	0.048508473
24-n-24 03:00:00	0.08330854	29.26658524	6.9252882	885.6286621	5.151175499	0.050222874
24-n-24 04:00:00	0.073620006	28.12336922	6.930911541	887.3259888	4.817281246	0.051937278
24-n-24 05:00:00	0.06393148	27.00110435	6.987827301	889.0233154	4.679945469	0.053651679
24-n-24 06:00:00	49.79055786	27.06301781	6.895461255	889.4661255	4.812375482	0.052127726
24-n-24 07:00:00	0.077719368	30.49522209	7.045938015	892.753479	6.460590363	0.050227195
24-n-24 08:00:00	0.072973683	29.96282196	7.06923027	896.0407715	5.685400009	0.048326664
24-n-24 09:00:00	0.068227991	30.02273941	6.982224464	899.328125	5.094104767	0.046426132
24-n-24 10:00:00	0.063482307	30.46530914	7.048347473	902.6154785	4.621563435	0.044525605
24-n-24 11:00:00	0.058736615	31.19760132	7.224761963	864.8044434	7.182557106	0.04625073
24-n-24 12:00:00	0.053990927	34.14806747	7.283394814	868.1149902	4.456984043	0.040724542
24-n-24 13:00:00	0.049254238	36.0148468	7.415046692	871.4255371	3.910315275	0.039004382
24-n-24 14:00:00	0.04449955	37.88232422	7.478400405	874.736145	3.164127111	0.041038591
24-n-24 15:00:00	0.04280138	34.66354752	7.447041035	876.3230591	3.828182477	0.043072797
24-n-24 16:00:00	0.047513332	31.03850746	7.301331043	877.6384277	3.882843733	0.045107007
24-n-24 17:00:00	0.052225281	28.9662331	7.299957752	883.180603	3.808736801	0.047141213
24-n-24 18:00:00	0.056937233	27.49168396	7.455693725	893.4858396	10.26960506	122.4226151
24-n-24 19:00:00	0.061649181	26.47022438	6.770598887	953.004674	4.628261089	119.9448409
24-n-24 20:00:00	0.066361129	26.01085091	6.763519287	958.6312866	4.54898262	126.6575623
24-n-24 21:00:00	49.56218719	30.62233543	7.080237865	968.5671997	6.981411457	125.9106216
24-n-24 22:00:00	49.6146965	30.6832291	8.109651566	958.2038574	10.2137754	122.0547562
24-n-24 23:00:00	49.05428914	30.59552956	8.123734474	958.2603149	9.898227692	123.0760345
25-n-24 00:00:00	49.20394519	30.50773811	8.073998451	958.3167725	9.48247242	122.640831
25-n-24 01:00:00	49.47137011	30.41994476	7.960181713	958.37323	9.204798698	120.6712952
25-n-24 02:00:00	49.61599246	31.09885979	7.336863518	1037.545288	7.090786934	125.4875641
25-n-24 03:00:00	49.88091318	31.3525813	7.300793171	1053.899292	7.043972969	119.2516648
25-n-24 04:00:00	50.06899158	31.26546478	7.35059166	1060.032593	7.356556257	81.8133392
25-n-24 05:00:00	50.23485991	31.17766953	7.400380141	1061.023193	7.687265911	121.237859
25-n-24 06:00:00	50.44398987	31.08987427	7.443620844	1055.634571	8.154513588	83.2849897
25-n-24 07:00:00	50.35144719	30.0208092	7.493656146	1025.774536	8.30868166	115.3585281
25-n-24 08:00:00	0.21826531	30.91428566	7.427225201	1026.0354	7.331776142	83.3154755
25-n-24 09:00:00	0.142256871	31.39352989	7.057480812	1026.296143	5.677012444	26.7142563
25-n-24 10:00:00	0.066248432	33.549881	7.10351087	1026.57007	4.94726341	128.197032
25-n-24 11:00:00	0.035385408	35.93251038	7.20649168	1026.817871	4.195701122	118.5847244
25-n-24 12:00:00	0.034102213	38.72068405	7.31752634	1027.07875	3.614673367	126.213028
25-n-24 13:00:00	0.032819014		7.37653923	1027.3396	3.317636967	125.241745
25-n-24 14:00:00	0.031535819		7.431668758	1027.600644	3.183212042	127.662056
25-n-24 15:00:00	0.030252615	39.17707825	7.305219173	1027.983643	3.285470486	128.8548002
25-n-24 16:00:00	0.028969422	34.7636528	7.095493317	1028.621216	3.570084304	121.2359924
25-n-24 17:00:00	0.027686223	31.61369133	7.01224995	1029.258789	3.686537504	125.0739899
25-n-24 18:00:00	0.026403027	29.87669563	6.952276707	1029.896362	3.660161257	86.4131317
25-n-24 19:00:00	0.024373072	31.01269341	7.480929852	1004.442749	8.380511506	127.3874512
25-n-24 20:00:00	0.03137191	31.09057045	8.118932724	1000.335144	9.84012574	126.8894501
25-n-24 21:00:00	50.34369659	31.02329826	8.138667107	996.227478	9.577400208	124.5808563
25-n-24 22:00:00	50.81299591	30.95602608	8.07657814	996.927063	9.330330044	123.0009155
25-n-24 23:00:00	50.12205887	30.88875198	8.014489174	999.6869507	9.123962402	173.7424622
26-n-24 00:00:00	50.01618576	30.8214798	7.937419415	1002.446777	9.026177048	158.729431
26-n-24 01:00:00	50.50291061	30.75420761	7.846944332	1005.206665	8.928393364	158.9230652
26-n-24 02:00:00	50.64447784	30.68693352	7.75646925	1007.966492	8.872915268	150.839325
26-n-24 03:00:00	50.87762383	30.62009239	7.665994167	1010.726318	8.88431263	155.8445892
26-n-24 04:00:00	50.89819336	30.56022835	7.589819908	1013.486206	8.895109745	117.8498306
26-n-24 05:00:00	50.90154266	30.5003624	7.56664131	1016.246033	8.912132263	142.3494873
26-n-24 06:00:00	50.92951262	30.44049835	7.543462753	1018.299194	8.930060387	149.233429
26-n-24 07:00:00	50.77717209	30.38063431	7.761440277	1020.23175	8.947987556	153.7459564
26-n-24 08:00:00	50.83882141	30.32076836	7.595071316	1022.164246	9.018352509	162.8404694
26-n-24 09:00:00	50.97664642	30.80563736	7.761440277	1024.096802	9.15575695	154.5308838
26-n-24 10:00:00	0.067229852	34.54749298	7.327397346	1026.029297	5.025839806	123.4949341
26-n-24 11:00:00	0.063276641	38.92005157	7.400300026	1027.961792	4.251938343	141.8982849
26-n-24 12:00:00	0.059323434		7.504445992	1029.894409	3.670798725	125.8701553
26-n-24 13:00:00	0.055370219		7.557657249	1031.814941	3.214373827	120.2272339
26-n-24 14:00:00	0.051417008		7.583725452	1032.030762	3.061251204	125.1150436
26-n-24 15:00:00	0.047463797		7.21376276	1032.246582	3.38583422	83.6320496

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*Remark
Copy value to column header.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
26-n.u.-24 16:00:00	0.043510586	38.64675522	7.065721512	1032.462402	3.372586012	141.5195313
26-n.u.-24 17:00:00	0.039557375	36.13866425	6.994246483	1032.678101	3.39003706	131.6781111
26-n.u.-24 18:00:00	0.035939835	33.83125687	6.934869766	1032.893921	3.432860851	126.1123199
26-n.u.-24 19:00:00	0.032388758	31.52384758	6.875492573	1033.109741	3.511639595	133.2479706
26-n.u.-24 20:00:00	0.028837679	30.03001404	6.848143101	1033.325562	3.550971746	132.5027618
26-n.u.-24 21:00:00	0.0252866	31.65822792	7.498296738	1009.069397	8.790338516	166.3834686
26-n.u.-24 22:00:00	50.92105484	31.91574669	7.672017574	1006.327393	9.109983444	144.7636108
26-n.u.-24 23:00:00	51.16061401	31.79966354	7.682651043	1003.585327	9.026377678	160.5634003
27-n.u.-24 00:00:00	50.71458435	31.68357849	7.62777771	1000.843323	8.910425186	142.153595
27-n.u.-24 01:00:00	50.66724014	31.56749344	7.572903633	998.1013184	8.803208351	152.805069
27-n.u.-24 02:00:00	50.98059464	31.45140839	7.51802969	995.9142456	8.787098885	153.1388702
27-n.u.-24 03:00:00	51.11844695	31.33532333	7.502433777	993.9960948	8.770989418	123.3210449
27-n.u.-24 04:00:00	51.34674835	31.21923828	7.494381428	992.0780029	8.754878998	138.5173798
27-n.u.-24 05:00:00	51.61670685	31.10315323	7.486329079	990.1598511	8.7554636	140.318222
27-n.u.-24 06:00:00	51.59815598	31.00958443	7.47827673	988.2416992	8.761287689	158.0549469
27-n.u.-24 07:00:00	51.63153839	30.93528366	7.526486998	986.3235474	8.767110825	156.2591858
27-n.u.-24 08:00:00	51.65036774	30.86098099	7.968460083	984.4053955	8.772934914	121.0232773
27-n.u.-24 09:00:00	51.74493027	30.998209	7.786874294	982.4872434	8.849865913	134.0809784
27-n.u.-24 10:00:00	0.227899209	33.0447464	7.518949986	982.7913208	7.509979057	126.5154419
27-n.u.-24 11:00:00	0.203475624	35.51426697	7.309962749	983.5488281	5.02537775	123.3985977
27-n.u.-24 12:00:00	0.179052025	39.917202	7.414589882	984.3062744	3.310811996	132.9716644
27-n.u.-24 13:00:00	0.154628441		7.482066154	985.0637207	2.821372032	133.3122406
27-n.u.-24 14:00:00	0.130204841		7.218525887	985.821167	3.374549866	125.2162628
27-n.u.-24 15:00:00	0.10578125	38.44581223	7.137674809	986.5786743	3.285111189	119.2143555
27-n.u.-24 16:00:00	0.081357658	38.20498657	7.258841515	987.3361206	3.060153484	130.6864777
27-n.u.-24 17:00:00	0.056934066	37.4235878	7.251415253	988.0935669	2.931182623	133.3469543
27-n.u.-24 18:00:00	0.043742158	35.25521469	7.082629681	989.279541	3.048167944	127.9841156
27-n.u.-24 19:00:00	0.048304074	32.6775322	6.982697964	990.4727783	3.186500072	129.0824432
27-n.u.-24 20:00:00	0.052865986	30.63246346	6.904893875	991.6660156	3.263544083	122.3893661
27-n.u.-24 21:00:00	0.057427898	32.07776642	7.452127457	1016.650574	7.740279198	127.8666916
27-n.u.-24 22:00:00	51.27455002	32.29001617	7.560992241	1019.052979	7.668892384	132.2703857
27-n.u.-24 23:00:00	50.80593491	32.22533417	7.549271584	1021.455383	7.377202511	131.5370178
28-n.u.-24 00:00:00	50.60502625	32.09963226	7.537550926	1023.857849	7.08428812	134.1075592
28-n.u.-24 01:00:00	50.89396286	31.97392845	7.525829792	1024315834	7.024315834	139.1632996
28-n.u.-24 02:00:00	50.9352306	31.84822845	7.514467239	1018.673584	7.111372471	147.1037598
28-n.u.-24 03:00:00	51.18854904	31.72252655	7.503777027	1013.962097	7.198429108	115.225095
28-n.u.-24 04:00:00	51.32062591	31.59682465	7.493086815	1009.250549	7.32062149	128.5324554
28-n.u.-24 05:00:00	51.47435399	31.47112274	7.482397079	1004.539001	7.458888531	126.8308868
28-n.u.-24 06:00:00	51.41062987	31.34542084	7.458613873	998.875146	7.597155571	126.496048
28-n.u.-24 07:00:00	51.41882324	31.38832283	7.500570774	995.7976074	7.627445698	116.9581451
28-n.u.-24 08:00:00	51.73315048	31.45623207	7.85165453	993.593856	7.765834808	118.2912445
28-n.u.-24 09:00:00	51.95646667	31.59820938	7.59468317	977.9606045	6.946248531	124.9266129
28-n.u.-24 10:00:00	51.96575928	31.78985023	7.70208157	969.0663452	7.127934933	129.1663666
28-n.u.-24 11:00:00	51.87775421	31.98148918	7.881562233	968.4039307	7.63119936	129.0377655
28-n.u.-24 12:00:00	51.83482742	32.23127747	8.032737293	967.7415161	8.102232933	125.1582489
28-n.u.-24 13:00:00	51.98590469	32.55973434	8.154359818	967.0791016	8.336223602	136.3571014
28-n.u.-24 14:00:00	0.083374485	35.66975403	7.695316315	967.541687	2.664778233	129.8651733
28-n.u.-24 15:00:00	0.082278118	37.81270218	7.71728611	968.4219971	2.611562729	131.5438995
28-n.u.-24 16:00:00	0.08118175	39.22720718	7.73395443	969.3023682	2.641602516	124.1970901
28-n.u.-24 17:00:00	0.080085382	39.42722702	7.694512367	970.1827393	2.671642542	139.6534424
28-n.u.-24 18:00:00	0.078989014	37.41322327	7.440322399	971.0631104	2.856104374	126.3289108
28-n.u.-24 19:00:00	0.077892639	35.00202942	7.284923553	971.9434204	2.950606585	131.5957031
28-n.u.-24 20:00:00	0.076796271	33.24423599	7.282851219	972.8237915	2.994789124	129.5871124
28-n.u.-24 21:00:00	0.075699903	32.25662994	7.258770466	966.7664795	6.081835747	110.9734802
28-n.u.-24 22:00:00	0.06609267	32.93448257	7.556282043	938.7014771	8.083508492	130.746994
28-n.u.-24 23:00:00	51.20380505	32.90585327	7.614593983	926.3746338	8.091140747	131.8447876
29-n.u.-24 00:00:00	50.51966476	32.87722778	7.6115098	921.7317505	7.983882904	133.7591248
29-n.u.-24 01:00:00	50.50950241	32.84860229	7.608426094	919.6311646	7.791697502	119.8628845
29-n.u.-24 02:00:00	50.35240886	32.81597581	7.598532677	917.5305176	7.771390438	125.545372
29-n.u.-24 03:00:00	50.55728164	32.79135132	7.588098049	915.4298706	7.162231445	131.7432098
29-n.u.-24 04:00:00	50.62766647	32.79272202	7.577663898	913.3282236	7.537572388	122.8508224
29-n.u.-24 05:00:00	50.63659973	32.74409653	7.567220271	911.2285767	7.387863159	125.7410049
29-n.u.-24 06:00:00	50.71268082	32.68933343	7.559648991	905.5148926	7.097192764	138.7498169
29-n.u.-24 07:00:00	51.01339329	32.62002069	7.581833363	888.5495605	6.900906086	134.7956085
29-n.u.-24 08:00:00	50.86727905	32.56871796	7.918601513	889.4083862	6.831409454	121.6598969
29-n.u.-24 09:00:00	50.98207885	32.63921738	7.792514801	890.4423828	6.920859814	126.4928741
29-n.u.-24 10:00:00	50.78632385	32.86809158	7.863527298	891.4764404	7.021488667	121.626564
29-n.u.-24 11:00:00	0.086428091	34.09314728	7.740214825	892.510437	3.228972912	133.6241913
29-n.u.-24 12:00:00	0.081171736	38.23744202	7.626436234	893.5444946	2.640627384	125.7785873
29-n.u.-24 13:00:00	0.075915381		7.727610588	894.5784912	2.578419685	122.6597977
29-n.u.-24 14:00:00	0.070659027		7.725914001	895.6125488	2.615820169	126.0109482
29-n.u.-24 15:00:00	0.065402672		7.847269535	896.5214844	2.603470325	130.8143768
29-n.u.-24 16:00:00	0.060146313		7.976663589	896.7057495	2.574198008	134.2360535
29-n.u.-24 17:00:00	0.054889598		8.004710197	896.8900757	2.627868176	129.2698822
29-n.u.-24 18:00:00	0.049633604	39.59696579	7.860791683	897.0744019	2.731304169	136.4376678
29-n.u.-24 19:00:00	0.045080293	37.2512207	7.762966633	897.258728	2.834739923	131.5913086
29-n.u.-24 20:00:00	0.042406652	34.8246994	7.699962139	897.4430542	2.908718348	118.0139313

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
29-n.u.-24 21:00:00	0.039733015	33.493927	7.688111305	875.9470825	7.172567368	133.022583
29-n.u.-24 22:00:00	51.1061821	33.53709793	7.818972588	869.4381714	7.185842514	154.4741364
29-n.u.-24 23:00:00	51.17525101	33.52210617	7.840662479	862.9291992	6.981420517	122.5680771
30-n.u.-24 00:00:00	50.41694641	33.43952179	7.799404621	857.881958	6.678285122	119.0210342
30-n.u.-24 01:00:00	50.54213333	33.35693741	7.756624699	855.1724243	6.563358784	119.4103928
30-n.u.-24 02:00:00	50.7277565	33.27435303	7.713844776	852.4629517	6.454906464	148.7277222
30-n.u.-24 03:00:00	51.26601028	33.19176483	7.671064854	849.753479	6.306492329	122.4325027
30-n.u.-24 04:00:00	51.55280304	33.10918045	7.628284454	847.0440063	6.291072845	132.6074371
30-n.u.-24 05:00:00	51.60382843	33.02659607	7.585504532	844.3344727	6.143040657	124.4529877
30-n.u.-24 06:00:00	51.73699188	32.94401169	7.566753864	841.625	6.283501148	129.9960175
30-n.u.-24 07:00:00	51.77527618	32.9169693	7.574285507	838.9155273	6.332815647	133.9954376
30-n.u.-24 08:00:00	51.93263246	32.92425537	7.626730442	838.086731	6.273612499	133.995163
30-n.u.-24 09:00:00	51.90202718	32.93153763	7.685300827	838.8671265	6.336252689	114.9129486
30-n.u.-24 10:00:00	51.78	33.03	7.78		6.40	129.85
30-n.u.-24 11:00:00	0.07	33.35	7.95	840.43	6.51	133.82
30-n.u.-24 12:00:00	0.06	37.66	7.54	841.21	2.68	128.40
30-n.u.-24 13:00:00	0.06		7.62	841.99	2.61	126.21
30-n.u.-24 14:00:00	0.05		7.62	842.77	2.60	129.83
30-n.u.-24 15:00:00	0.05		7.68	843.55	2.60	137.88
30-n.u.-24 16:00:00	0.04		7.67	844.31	2.62	125.72
30-n.u.-24 17:00:00	0.04		7.62	845.05	2.71	128.69
30-n.u.-24 18:00:00	0.03	38.73	7.52	845.80	2.79	129.81
30-n.u.-24 19:00:00	0.03	36.69	7.45	846.54	2.88	125.37
30-n.u.-24 20:00:00	0.04	32.79	7.35	847.28	3.10	124.74
30-n.u.-24 21:00:00	0.04	33.17	7.35	862.88	6.88	128.56
30-n.u.-24 22:00:00	50.92	33.28	7.40	965.80	7.00	132.19
30-n.u.-24 23:00:00	50.30	33.18	7.44	965.59	6.88	123.91
01-n.u.-24 00:00:00	49.87	33.03	7.45	960.33	6.95	140.96
31/8/2024 1:00	0.02	25.16		793.82	6.26	0.32
31/8/2024 2:00	0.02	24.85		794.06	5.42	0.26
31/8/2024 3:00	0.02	24.60		794.51	4.90	0.19
31/8/2024 4:00	0.02	24.52		795.11	4.39	0.12
31/8/2024 5:00	0.01	24.45		795.70	3.79	0.05
31/8/2024 6:00	0.01	24.37		796.30	3.46	0.05
31/8/2024 7:00	0.01	25.26		796.90	3.26	0.05
31/8/2024 8:00	0.02	27.60		797.40	2.52	0.05
31/8/2024 9:00	0.02	33.40	6.65	798.09	2.04	0.05
31/8/2024 10:00	0.02	35.29	6.69	798.69		0.05
31/8/2024 11:00	0.03		6.72	798.96		0.05
31/8/2024 12:00	0.03		6.77	799.13		0.05
31/8/2024 13:00	0.03		6.80	799.30		0.05
31/8/2024 14:00	0.04		6.84	799.47		0.05
31/8/2024 15:00	0.04		6.87	799.64		0.05
31/8/2024 16:00	0.04		6.87	799.81		0.04
31/8/2024 17:00	0.04	37.78	6.83	799.98		0.04
31/8/2024 18:00	0.04	35.46	6.72	800.15		0.04
31/8/2024 19:00	0.04	33.56	6.61	799.94		0.04
31/8/2024 20:00	0.04	32.17	6.56	799.68		0.04
31/8/2024 21:00	0.04	31.95	7.05	887.38	8.18	0.04
31/8/2024 22:00	50.58	32.20	7.32	920.74	10.57	0.05
31/8/2024 23:00	49.90	32.30	7.36	922.95	14.83	0.05
1/9/2024 0:00	49.71	32.23	7.33	924.90	8.14	0.06

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*Remark
Copy value to the corresponding cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-10-24 00:00:00	498.7	33.03	7.45	960.33	6.95	140.96
01-10-24 01:00:00	503.0	32.88	7.45	955.60	6.73	172.75
01-10-24 02:00:00	503.3	32.74	7.46	953.77	6.67	122.24
01-10-24 03:00:00	503.9	32.59	7.46	951.93	6.61	145.60
01-10-24 04:00:00	503.8	32.44	7.46	950.10	6.64	152.22
01-10-24 05:00:00	505.2	32.29	7.46	948.90	7.12	150.68
01-10-24 06:00:00	506.4	32.14	7.46	948.04	6.64	132.33
01-10-24 07:00:00	506.9	32.11	7.46	947.18	6.68	123.86
01-10-24 08:00:00	507.0	32.10	7.54	946.33	6.76	129.38
01-10-24 09:00:00	505.8	32.10	7.57	945.47	6.62	125.09
01-10-24 10:00:00	507.2	32.21	7.69	944.61	6.29	124.51
01-10-24 11:00:00	508.0	32.57	7.89	943.75	6.51	130.91
01-10-24 12:00:00	0.08	35.92	7.53	943.45	2.75	119.93
01-10-24 13:00:00	0.07	38.53	7.60	943.29	2.66	127.25
01-10-24 14:00:00	0.06	39.49	7.64	943.12	2.64	135.65
01-10-24 15:00:00	0.05		7.72	942.96	2.60	129.65
01-10-24 16:00:00	0.05		7.68	942.79	2.63	125.83
01-10-24 17:00:00	0.04	39.24	7.60	942.63	2.78	115.51
01-10-24 18:00:00	0.03	35.47	7.39	942.42	3.12	132.26
01-10-24 19:00:00	0.02	31.29	7.15	942.14	3.28	129.41
01-10-24 20:00:00	0.04	32.19	7.16	881.76	5.19	125.58
01-10-24 21:00:00	0.05	32.35	7.74	819.21	8.05	130.18
01-10-24 22:00:00	509.0	32.29	7.81	811.48	7.55	134.07
01-10-24 23:00:00	509.0	32.18	7.77	812.08	7.09	145.98
02-10-24 00:00:00	498.8	32.02	7.73	812.67	6.83	130.09
02-10-24 01:00:00	501.2	31.86	7.68	813.26	6.71	117.99
02-10-24 02:00:00	506.2	31.70	7.62	813.86	6.57	119.85
02-10-24 03:00:00	508.1	31.55	7.55	814.45	6.40	141.62
02-10-24 04:00:00	507.2	31.39	7.50	815.04	6.42	127.69
02-10-24 05:00:00	508.3	31.23	7.47	815.63	6.29	162.96
02-10-24 06:00:00	511.08	31.07	7.45	816.88	6.19	126.04
02-10-24 07:00:00	511.00	31.00	7.42	818.22	6.15	127.62
02-10-24 08:00:00	0.16	30.98	7.07	819.55	3.06	141.64
02-10-24 09:00:00	0.15	33.45	7.12	820.88	2.90	133.56
02-10-24 10:00:00	0.13	36.74	7.27	822.21	2.71	125.46
02-10-24 11:00:00	0.11		7.42	823.54	2.64	126.93
02-10-24 12:00:00	0.09		7.57	824.87	2.57	125.88
02-10-24 13:00:00	0.07		7.72	826.21	2.54	129.15
02-10-24 14:00:00	0.06		7.77	824.87	2.52	118.10
02-10-24 15:00:00	0.04		7.72	823.20	2.56	131.36
02-10-24 16:00:00	0.03		7.61	821.54	2.71	137.23
02-10-24 17:00:00	0.04	31.48	6.93	817.61	3.36	135.46
02-10-24 18:00:00	0.04	27.85	6.81	823.35	3.35	131.65
02-10-24 19:00:00	0.04	25.68	6.77	829.10	3.34	132.59
02-10-24 20:00:00	0.04	31.64	7.09	870.63	4.19	123.60
02-10-24 21:00:00	509.2	32.19	7.65	909.07	7.02	0.09
02-10-24 22:00:00	508.5	32.21	7.55	910.60	6.99	0.08
02-10-24 23:00:00	499.08	32.08	7.44	911.05	6.64	0.07
03-10-24 00:00:00	499.40	31.95	7.42	910.93	6.37	0.06
03-10-24 01:00:00	498.5	31.81	7.40	910.81	6.11	0.05
03-10-24 02:00:00	500.11	31.68	7.39	910.70	6.01	0.04
03-10-24 03:00:00	500.81	31.55	7.36	910.58	5.91	0.03
03-10-24 04:00:00	500.42	31.41	7.33	910.46	5.76	0.02
03-10-24 05:00:00	500.81	31.28	7.30	910.34	5.88	0.02
03-10-24 06:00:00	500.88	31.08	7.30	910.76	5.60	0.02
03-10-24 07:00:00	0.05	30.81	7.28	911.32	5.49	0.02
03-10-24 08:00:00	0.05	30.29	6.85	911.88	3.17	0.02
03-10-24 09:00:00	0.05	30.11	6.87	912.44	3.08	0.03
03-10-24 10:00:00	0.04	32.17	7.03	913.05	2.90	0.03
03-10-24 11:00:00	0.04	36.37	7.21	913.56	2.76	0.03
03-10-24 12:00:00	0.04	36.47	7.25	914.11	2.72	0.03
03-10-24 13:00:00	0.04	37.31	7.27	914.67	2.72	0.03
03-10-24 14:00:00	0.03	38.00	7.28	914.28	2.77	0.03
03-10-24 15:00:00	0.03	38.09	7.31	913.77	2.76	0.03
03-10-24 16:00:00	0.04	38.71	7.33	913.26	2.73	0.03
03-10-24 17:00:00	0.04	36.89	7.16	912.76	2.91	0.03
03-10-24 18:00:00	0.04	34.54	7.02	912.25	2.96	0.04
03-10-24 19:00:00	0.05	32.25	6.92	911.74	3.02	0.04
03-10-24 20:00:00	0.05	31.70	7.17	876.99	3.73	0.04
03-10-24 21:00:00	500.9	31.84	7.58	849.43	6.17	0.04
03-10-24 22:00:00	500.7	31.84	7.66	850.46	5.99	0.03
03-10-24 23:00:00	499.74	31.69	7.60	851.48	5.92	0.03
04-10-24 00:00:00	498.0	31.54	7.55	852.51	5.55	0.03
04-10-24 01:00:00	500.16	31.38	7.47	857.23	5.23	0.03
04-10-24 02:00:00	500.23	31.23	7.40	862.06	5.25	0.03
04-10-24 03:00:00	500.40	31.08	7.35	866.89	5.32	0.03
04-10-24 04:00:00	0.04	30.70	7.06	871.71	3.32	0.03

October-24

*Remark
Copy value to the corresponding cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
04-10-24 05:00:00	0.04	29.81	6.84	876.54	3.17	0.03
04-10-24 06:00:00	0.03	28.93	6.80	878.22	3.17	0.02
04-10-24 07:00:00	0.03	28.48	6.79	878.03	3.16	0.02
04-10-24 08:00:00	0.03	28.70	6.89	877.83	3.12	0.02
04-10-24 09:00:00	0.03	30.74	6.96	877.64	3.04	0.01
04-10-24 10:00:00	0.03	33.51	7.00	877.44	2.81	0.01
04-10-24 11:00:00	0.03	34.09	7.01	877.61	2.93	0.01
04-10-24 12:00:00	0.03	34.66	7.02	878.22	2.91	0.01
04-10-24 13:00:00	0.03	36.08	7.07	878.84	2.87	0.02
04-10-24 14:00:00	0.03	38.84	7.19	879.45	2.73	0.02
04-10-24 15:00:00	0.03	39.04	7.31	880.07	2.69	120.01
04-10-24 16:00:00	0.04		7.32	880.68	2.70	141.74
04-10-24 17:00:00	0.04	37.83	7.25	881.29	2.79	128.75
04-10-24 18:00:00	0.04	35.08	7.10	881.91	2.89	133.31
04-10-24 19:00:00	0.05	33.10	7.00	882.26	2.97	135.82
04-10-24 20:00:00	0.05	30.58	6.94	882.45	3.02	131.96
04-10-24 21:00:00	0.05	31.86	7.13	979.95	7.52	134.56
04-10-24 22:00:00	504.0	32.15	7.42	1,041.38	9.25	129.54
04-10-24 23:00:00	503.0	32.12	7.49	1,058.46	9.15	141.21
05-10-24 00:00:00	499.11	32.02	7.48	1,060.08	8.79	154.70
05-10-24 01:00:00	499.44	31.91	7.46	1,061.70	8.43	134.36
05-10-24 02:00:00	499.9	31.81	7.45	1,063.31	8.05	145.53
05-10-24 03:00:00	500.20	31.71	7.43	1,064.93	7.61	111.68
05-10-24 04:00:00	505.6	31.61	7.42	1,066.55	7.17	108.06
05-10-24 05:00:00	507.2	31.50	7.39	1,068.17	6.83	151.86
05-10-24 06:00:00	508.1	31.40	7.37	1,069.79	6.47	139.95
05-10-24 07:00:00	508.7	31.39	7.35	1,071.53	6.10	129.19
05-10-24 08:00:00	510.6	31.38	7.45	1,073.39	5.86	126.98
05-10-24 09:00:00	508.3	31.58	7.45	1,075.24	5.89	131.99
05-10-24 10:00:00	0.10	33.09	7.47	1,077.09	2.92	129.82
05-10-24 11:00:00	0.10	37.50	7.47	1,078.94	2.82	127.64
05-10-24 12:00:00	0.09		7.52	1,080.79	2.72	124.78
05-10-24 13:00:00	0.08		7.57	1,082.64	2.67	131.63
05-10-24 14:00:00	0.08		7.66	1,084.49	2.65	137.76
05-10-24 15:00:00	0.07		7.75	1,084.82	2.64	129.33
05-10-24 16:00:00	0.07		7.71	1,084.22	2.67	130.02
05-10-24 17:00:00	0.06		7.58	1,083.62	2.80	119.30
05-10-24 18:00:00	0.05	38.48	7.41	1,083.02	2.92	127.71
05-10-24 19:00:00	0.05	36.29	7.20	1,082.42	3.02	132.53
05-10-24 20:00:00	0.04	34.14	7.07	1,081.82	3.11	124.18
05-10-24 21:00:00	0.04	31.81	7.25	982.56	8.95	130.48
05-10-24 22:00:00	510.6	31.85	7.90	930.22	11.03	144.61
05-10-24 23:00:00	504.3	31.81	8.13	922.78	10.56	128.01
06-10-24 00:00:00	499.7	31.65	8.11	920.35	9.93	122.87
06-10-24 01:00:00	504.9	31.49	7.82	922.10	9.48	134.01
06-10-24 02:00:00	509.2	31.33	7.32	923.86	9.14	128.32
06-10-24 03:00:00	504.9	31.17	7.25	925.62	8.93	128.33
06-10-24 04:00:00	506.0	31.01	7.22	927.37	8.85	113.32
06-10-24 05:00:00	506.7	30.85	7.20	929.13	8.80	129.68
06-10-24 06:00:00	507.7	30.69	7.18	930.89	8.74	105.16
06-10-24 07:00:00	0.18	30.33	6.98	932.64	6.14	125.75
06-10-24 08:00:00	0.16	29.97	6.86	934.12	5.36	114.21
06-10-24 09:00:00	0.14	31.64	6.94	935.47	4.42	111.34
06-10-24 10:00:00	0.12	35.37	7.04	936.82	3.33	116.16
06-10-24 11:00:00	0.10	38.82	7.15	938.17	2.88	120.54
06-10-24 12:00:00	0.08		7.26	939.52	2.73	109.51
06-10-24 13:00:00	0.07		7.27	940.48	2.71	95.69
06-10-24 14:00:00	0.05		7.28	940.76	2.70	101.62
06-10-24 15:00:00	0.04		7.30	941.04	2.73	111.34
06-10-24 16:00:00	0.04		7.28	941.31	2.72	113.90
06-10-24 17:00:00	0.04		7.23	941.59	2.84	120.05
06-10-24 18:00:00	0.04	38.22	7.12	941.87	2.93	119.56
06-10-24 19:00:00	0.04	35.63	6.97	942.15	3.00	107.36
06-10-24 20:00:00	0.04	33.15	6.90	942.42	3.07	105.59
06-10-24 21:00:00	0.04	31.33	6.85	948.82	3.16	103.08
06-10-24 22:00:00	51.32	32.16	7.18	1,035.78	6.60	114.66
06-10-24 23:00:00	51.68	32.28	7.27	1,037.61	7.19	108.13
07-10-24 00:00:00	51.81	32.17	7.30	1,039.45	7.53	94.50
07-10-24 01:00:00	52.28	32.07	7.32	1,041.28	7.74	107.45
07-10-24 02:00:00	52.86	31.96	7.32	1,043.11	7.84	130.08
07-10-24 03:00:00	53.13	31.86	7.32	1,042.54	7.96	127.55
07-10-24 04:00:00	53.38	31.75	7.32	1,039.54	8.02	118.74
07-10-24 05:00:00	53.50	31.65	7.32	1,036.55	8.11	105.52
07-10-24 06:00:00	53.48	31.54	7.32	1,033.55	8.16	113.15
07-10-24 07:00:00	53.41	31.44	7.34	1,012.42	7.77	115.83
07-10-24 08:00:00	-0.07	31.33	7.29	978.56	4.19	117.22
07-10-24 09:00:00	-0.06	33.02	7.24	981.84	3.28	115.24

October-24

*Remark
Copy ภารกิจ and value.

Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
07 ต.ค.-24 10:00:00	-0.04	36.58	7.33	985.13	2.76	112.38
07 ต.ค.-24 11:00:00	-0.03	39.83	7.45	986.86	2.68	123.08
07 ต.ค.-24 12:00:00	-0.02		7.56	987.22	2.62	123.11
07 ต.ค.-24 13:00:00	0.00		7.70	987.59	2.55	118.68
07 ต.ค.-24 14:00:00	0.01		7.80	987.95	2.55	119.07
07 ต.ค.-24 15:00:00	0.02		7.83	988.32	2.57	122.22
07 ต.ค.-24 16:00:00	0.03		7.73	988.68	2.62	123.68
07 ต.ค.-24 17:00:00	0.03		7.65	989.05	2.71	115.83
07 ต.ค.-24 18:00:00	0.04	39.58	7.43	989.41	2.83	100.31
07 ต.ค.-24 19:00:00	0.04	36.79	7.23	989.78	2.96	111.66
07 ต.ค.-24 20:00:00	0.04	34.24	7.12	990.15	3.01	107.59
07 ต.ค.-24 21:00:00	0.04	32.03	7.34	967.34	8.17	117.97
07 ต.ค.-24 22:00:00	50.61	32.06	7.89	952.27	9.61	118.08
07 ต.ค.-24 23:00:00	51.67	31.99	8.05	947.14	9.10	112.62
08 ต.ค.-24 00:00:00	51.63	31.82	8.04	949.78	8.57	116.14
08 ต.ค.-24 01:00:00	50.87	31.64	7.98	952.42	8.24	126.40
08 ต.ค.-24 02:00:00	51.53	31.47	7.88	955.07	8.02	134.46
08 ต.ค.-24 03:00:00	51.76	31.29	7.76	957.71	7.94	146.43
08 ต.ค.-24 04:00:00	52.54	31.12	7.65	960.35	7.86	149.92
08 ต.ค.-24 05:00:00	52.52	30.94	7.53	962.99	7.81	131.28
08 ต.ค.-24 06:00:00	0.10	30.40	7.32	965.63	3.75	139.66
08 ต.ค.-24 07:00:00	0.098421551	29.72579956	7.124452114	967.7470703	3.250165462	148.3384705
08 ต.ค.-24 08:00:00	0.091891646	29.77624702	7.132153988	969.3166504	3.085529804	106.0374756
08 ต.ค.-24 09:00:00	0.085361741	32.41181946	7.187897205	970.8862915	2.944515467	142.6851501
08 ต.ค.-24 10:00:00	0.078831837	35.47398376	7.308472633	972.4559326	2.730576992	118.3966904
08 ต.ค.-24 11:00:00	0.072301932	37.26790619	7.381017685	974.0255127	2.758671284	150.6882041
08 ต.ค.-24 12:00:00	0.065772019	35.09192276	7.46409731	1007.967712	2.816244841	149.6781129
08 ต.ค.-24 13:00:00	0.059242118	39.74060822	7.346570045	1019.212585	2.640173912	114.2193222
08 ต.ค.-24 14:00:00	0.056679018	7.64652729	1020.612549	2.611493587	118.3009109	
08 ต.ค.-24 15:00:00	0.054689843	1020.312866	2.583056927	111.5883942		
08 ต.ค.-24 16:00:00	0.052700669	7.572596073	1020.013184	2.679607868	112.7893143	
08 ต.ค.-24 17:00:00	0.050711494	7.467470646	1019.71344	2.784022808	108.3905258	
08 ต.ค.-24 18:00:00	0.048722319	38.19646835	7.25340244	1019.413757	2.888437748	103.8740768
08 ต.ค.-24 19:00:00	0.046733145	36.06140518	7.126235008	1019.114014	2.992852926	116.6455078
08 ต.ค.-24 20:00:00	0.04474397	33.97153854	7.022496223	1018.814331	3.071948767	110.4959412
08 ต.ค.-24 21:00:00	0.042539716	31.90683746	7.116015911	1051.414551	4.533231258	116.3323059
08 ต.ค.-24 22:00:00	51.04225159	32.52327347	7.533081055	1115.043823	7.832082748	114.9411697
08 ต.ค.-24 23:00:00	51.13325882	32.60017395	7.62750721	1114.929443	8.087889671	133.2825623
09 ต.ค.-24 00:00:00	50.96743393	32.44071579	7.621308327	1114.815063	8.115399361	130.2946167
09 ต.ค.-24 01:00:00	50.90461349	32.26845169	7.615109444	1114.700684	8.159777641	151.3370972
09 ต.ค.-24 02:00:00	51.65766144	32.09619141	7.598181725	1114.586182	8.180136681	155.05336
09 ต.ค.-24 03:00:00	51.98244858	31.92392731	7.568212986	1114.471802	8.19230938	156.2397766
09 ต.ค.-24 04:00:00	52.02045517	31.75166512	7.538244247	1114.357422	8.204483032	109.4614487
09 ต.ค.-24 05:00:00	52.79128647	31.54928398	7.506864071	1113.799805	8.255084991	140.1841736
09 ต.ค.-24 06:00:00	53.1028442	31.34105682	7.473541737	1113.208252	8.246968269	143.9106598
09 ต.ค.-24 07:00:00	0.042142175	30.87601852	7.413664818	1112.616821	3.352918386	114.556633
09 ต.ค.-24 08:00:00	0.042922717	30.2785522	7.349039555	1112.025269	3.235456228	114.9453506
09 ต.ค.-24 09:00:00	0.043703258	31.7004776	7.368519306	1112.552856	3.075556517	116.1074219
09 ต.ค.-24 10:00:00	0.044483799	34.71653748	7.383491039	1116.8396	2.84694171	124.0965958
09 ต.ค.-24 11:00:00	0.045264337	35.88936996	7.476994991	1117.645508	2.837456465	135.4660339
09 ต.ค.-24 12:00:00	0.046044879	35.93942642	7.450194836	1118.451538	2.819551229	139.8327606
09 ต.ค.-24 13:00:00	0.04682542	38.62027359	7.533337116	1111.967041	2.747845888	113.9510498
09 ต.ค.-24 14:00:00	0.047605962	31.98577309	7.249414444	1103.011108	3.136010885	119.8138123
09 ต.ค.-24 15:00:00	0.045819778	28.72179031	7.054567814	1102.802734	3.286468744	128.3480074
09 ต.ค.-24 16:00:00	0.042983799	27.59231377	7.038087368	1102.59436	3.293827057	142.2854639
09 ต.ค.-24 17:00:00	0.040147744	26.72333717	7.021606922	1102.385864	3.301185369	105.1723709
09 ต.ค.-24 18:00:00	0.037311729	26.27345085	7.005126953	1102.17749	3.308543682	119.3794174
09 ต.ค.-24 19:00:00	0.034475734	25.93587303	6.998846507	1101.961116	3.315901995	112.9845958
09 ต.ค.-24 20:00:00	0.031393989	25.62686348	6.972166538	1101.760742	3.323160307	113.965889
09 ต.ค.-24 21:00:00	0.028036884	23.67787838	6.919620361	7.921618462	9.21618462	117.8566589
09 ต.ค.-24 22:00:00	51.6583786	31.27623278	7.407504082	936.723376	113.984942	
09 ต.ค.-24 23:00:00	51.4275856	31.21060181	7.407762051	931.412354	7.866931915	105.8805161
10 ต.ค.-24 00:00:00	51.52845383	31.14857483	7.377847195	925.5591431	7.487049371	110.6495209
10 ต.ค.-24 01:00:00	51.96021652	31.08654785	7.347932339	919.9769897	7.27517271	110.3456421
10 ต.ค.-24 02:00:00	52.11339569	31.02451897	7.318017006	914.3948975	7.00720644	116.4995561
10 ต.ค.-24 03:00:00	52.2256012	30.96249199	7.28810215	909.4360352	6.963816166	115.4797668
10 ต.ค.-24 04:00:00	53.74062347	30.90046051	7.258187294	909.8370972	6.816133499	134.348541
10 ต.ค.-24 05:00:00	53.12220764	30.86356926	7.228271961	910.2380981	6.763694286	144.6185295
10 ต.ค.-24 06:00:00	53.22253036	30.83607483	7.193837105	910.6391602	6.604555607	134.2922821
10 ต.ค.-24 07:00:00	53.8585358	30.8085804	7.11805156	911.0401611	6.557155132	102.9421005
10 ต.ค.-24 08:00:00	53.36518478	30.78108597	7.24651289	911.4411621	6.418076515	132.4223938
10 ต.ค.-24 09:00:00	53.8993668	30.91322517	7.308159351	911.8422241	6.550916195	161.1838837
10 ต.ค.-24 10:00:00	54.1322556	7.422889709	912.2432251	6.801695347	6.801695347	104.8973541
10 ต.ค.-24 11:00:00	-0.01344254	32.17055893	7.489857197	912.81604	3.273359537	115.1410294
10 ต.ค.-24 12:00:00	-0.007519209	34.70214462	7.326786995	913.875	2.881183147	121.397789
10 ต.ค.-24 13:00:00	-0.001595877	36.79180908	7.336492062	914.93396	2.79393816	116.1967697
10 ต.ค.-24 14:00:00	0.004327454	38.08144379	7.46387291	915.9929199	2.713886499	106.1199265

October-24

*Remark
Copy ภารกิจ and value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
10-๑๐-๒4 15:00:00	0.010250785	38.9200592	7.597454548	917.0518188	2.674818039	130.8912048
10-๑๐-๒4 16:00:00	0.016174117	35.90837097	7.30048275	916.493103	3.104389191	110.3661728
10-๑๐-๒4 17:00:00	0.022097448	31.42641258	6.943222523	915.4282837	3.291557074	109.726799
10-๑๐-๒4 18:00:00	0.028020779	29.05809593	6.911031246	918.9968872	3.303416252	110.1555481
10-๑๐-๒4 19:00:00	0.033174451	28.03668594	6.878839493	922.5654907	3.30718112	112.0100479
10-๑๐-๒4 20:00:00	0.036053021	31.43378258	7.291902542	978.1500244	6.442316532	119.428833
10-๑๐-๒4 21:00:00	49.93880463	31.50474358	7.5574193	998.9986572	7.531495571	105.78759
10-๑๐-๒4 22:00:00	50.6358757	31.41018295	7.591388226	1006.805054	7.387656689	124.8637161
10-๑๐-๒4 23:00:00	50.0223465	31.31562424	7.612854481	1010.978577	7.202379227	141.8648682
11-๑๐-๒4 00:00:00	49.55404282	31.22106361	7.608696461	1011.136841	7.077903748	136.2733002
11-๑๐-๒4 01:00:00	49.97148132	31.1265049	7.593844891	1011.295044	7.011859894	123.2997725
11-๑๐-๒4 02:00:00	50.13258743	31.03194427	7.578993797	1011.453308	6.988452435	138.7625885
11-๑๐-๒4 03:00:00	50.2457962	30.93738556	7.564142704	1011.615111	7.033489704	107.2103577
11-๑๐-๒4 04:00:00	50.24217606	30.78239822	7.549291134	1011.769775	7.209516525	132.8448486
11-๑๐-๒4 05:00:00	50.28848267	30.56061935	7.501350403	1011.927979	7.270772457	135.6247253
11-๑๐-๒4 06:00:00	50.24816132	30.33884239	7.283126354	998.3026733	6.659518719	143.6206512
11-๑๐-๒4 07:00:00	0.148390442	29.80187035	7.060674667	987.581157	3.209914684	106.1589584
11-๑๐-๒4 08:00:00	0.133345291	29.62360191	7.095692158	991.9718018	3.197885513	112.1128998
11-๑๐-๒4 09:00:00	0.118300132	31.92936897	7.265174866	996.3624878	3.060607672	114.514534
11-๑๐-๒4 10:00:00	0.103254974	36.08512497	7.434657574	1000.753174	7.270636368	137.0314636
11-๑๐-๒4 11:00:00	0.088209815		7.649082661	1005.14386	2.659590683	132.0938263
11-๑๐-๒4 12:00:00	0.073164657		7.80098772	1009.534546	2.64278841	139.4284821
11-๑๐-๒4 13:00:00	0.058119502		7.93959713	1013.925232	2.632097721	112.7168121
11-๑๐-๒4 14:00:00	0.06212616		8.06212616	1018.315979	2.624218225	136.234375
11-๑๐-๒4 15:00:00	0.03870089		8.126232147	1018.442139	2.61633873	126.5860285
11-๑๐-๒4 16:00:00	0.038207814		8.147364616	1017.157349	2.669880867	139.504776
11-๑๐-๒4 17:00:00	0.037714742		8.068095207	1015.87262	2.750804901	122.9753723
11-๑๐-๒4 18:00:00	0.037222167	39.20760727	7.927022934	1014.587891	2.86136055	130.6795227
11-๑๐-๒4 19:00:00	0.036728598	36.95738983	7.757327432	1013.303101	2.973706007	126.7006073
11-๑๐-๒4 20:00:00	0.036235522	34.10473251	7.616970062	1012.018372	3.0799191	118.7118378
11-๑๐-๒4 21:00:00	0.035742451	31.96538353	7.278109074	974.3409424	5.992371082	102.2231979
11-๑๐-๒4 22:00:00	50.1189003	32.12273026	7.282444	963.45373	7.559519279	119.8347931
11-๑๐-๒4 23:00:00	50.53680801	32.14461899	7.363236904	952.5305176	7.267414093	177.3857269
11-๑๐-๒4 20:00:00	49.98015976	32.00466919	7.44213815	949.4931641	6.793664932	105.0597153
11-๑๐-๒4 21:00:00	50.01890182	31.86471558	7.43632555	950.0090332	6.638716698	111.6201553
11-๑๐-๒4 22:00:00	50.44206619	31.72476387	7.408217907	950.5249023	6.477049351	109.3121719
11-๑๐-๒4 23:00:00	50.67767334	31.58481216	7.380110264	951.0407104	6.212847273	116.3906708
11-๑๐-๒4 24:00:00	50.57581329	31.44486046	7.352002144	951.5565796	6.078843594	121.4901428
11-๑๐-๒4 25:00:00	50.71641922	31.30490875	7.323894501	952.0724487	5.738296509	93.86289978
11-๑๐-๒4 26:00:00	50.79444122	31.16495705	7.29578658	952.5882568	5.636391163	111.0558319
11-๑๐-๒4 27:00:00	50.84373093	31.06733704	7.305569172	953.104126	5.798403263	118.0250168
11-๑๐-๒4 28:00:00	50.87899017	31.02233315	7.35911343	956.1820679	5.4514575	105.5187836
11-๑๐-๒4 29:00:00	0.03851242	32.15122223	7.363523483	959.7471313	3.0140023	107.3825912
11-๑๐-๒4 30:00:00	0.040230043	33.57460403	7.30753904	963.3121338	2.914191008	115.8528824
11-๑๐-๒4 31:00:00	0.041947663	35.81848145	7.496868483	966.871973	2.814377785	105.4744339
11-๑๐-๒4 32:00:00	0.043665286	38.96237946	7.661550999	970.4421997	2.714564562	119.139946
11-๑๐-๒4 33:00:00	0.045382909		7.822971344	977.0072632	2.614751339	100.2840881
11-๑๐-๒4 34:00:00	0.047100533		7.832875729	977.5722656	2.634460449	110.9092255
11-๑๐-๒4 35:00:00	0.048818156		7.705231667	981.1373291	2.703526528	113.7912292
11-๑๐-๒4 36:00:00	0.05053779		7.628948122	981.0822754	2.750495195	124.9803619
11-๑๐-๒4 37:00:00	0.051645506	38.99025345	7.388296629	988.680562	2.84712111	95.35759735
11-๑๐-๒4 38:00:00	0.052616224	35.33635116	7.18752655	980.2889172	3.149401188	111.070755
11-๑๐-๒4 39:00:00	0.053869485	32.70438004	7.054137238	979.8383778	3.184830015	109.8887178
11-๑๐-๒4 40:00:00	0.054557666	31.07540311	7.021717085	979.4974976	3.157219887	105.1508255
11-๑๐-๒4 41:00:00	0.055528384	31.95176125	7.165792463	1081.777222	3.350084305	105.0542908
11-๑๐-๒4 42:00:00	50.1285629	32.15213013	7.387738705	1138.611084	6.196093919	143.926651
11-๑๐-๒4 43:00:00	49.99645233	32.0437088	7.446866512	1173.83571	6.634089053	158.197377
11-๑๐-๒4 44:00:00	49.88372421	31.8789978	7.454096794	1137.060059	6.981726646	106.8856354
11-๑๐-๒4 45:00:00	49.95705414	31.71428871	7.461327553	1136.284546	7.350124836	113.7934952
11-๑๐-๒4 46:00:00	50.31124115	31.54957962	7.46855831	1135.509033	7.628576279	107.5337143
11-๑๐-๒4 47:00:00	50.35599899	31.38487053	7.47859893	1134.733521	7.945771217	108.5020752
11-๑๐-๒4 48:00:00	0.09244144	30.74459119	7.355333318	1134.854248	3.415008783	115.4216995
11-๑๐-๒4 49:00:00	0.083009057	29.62440872	7.264400814	1138.2146	3.40449667	183.2473282
11-๑๐-๒4 50:00:00	0.073576674	28.52120787	7.184653282	1141.574951	3.384167433	113.7325897
11-๑๐-๒4 51:00:00	0.064144291	27.96707916	7.127832754	1144.935303	3.387880564	106.6634066
11-๑๐-๒4 52:00:00	0.054711908	28.10528946	7.24380827	1148.295654	3.230357409	109.4191818
11-๑๐-๒4 53:00:00	0.045279529	30.66644859	7.327974319	1151.656006	3.050794319	119.0643005
11-๑๐-๒4 54:00:00	0.035847146	35.14741135	7.476082325	1154.892456	2.767029762	89.62815857
11-๑๐-๒4 55:00:00	0.026414765	39.5213089	7.73328242	1158.052246	2.685893774	99.93156433
11-๑๐-๒4 56:00:00	0.024931023	39.49013901	7.862598896	1161.09375	2.748847726	104.8746262
11-๑๐-๒4 57:00:00	0.027521951	35.49029922	7.717596531	1160.847778	3.135800123	112.7998505
11-๑๐-๒4 58:00:00	0.030112877	33.95513535	7.66524619	1160.601807	3.139806032	118.960144
11-๑๐-๒4 59:00:00	0.03273080	32.87284088	7.680537593	1160.355835	3.108115673	0.586249769
11-๑๐-๒4 60:00:00	0.035294734	32.16862106	7.732448578	1160.109985	3.095730305	0.486468583
11-๑๐-๒4 61:00:00	0.037885658	31.56827736	7.784360886	1159.178101	3.087678432	0.386683768
11-๑๐-๒4 62:00:00	0.040476587	30.95638275	7.796261787	1157.727661	3.124116898	0.286906193
11-๑๐-๒4 63:00:00	0.04067551	30.26466751	7.79645443	1156.277344	3.184220552	0.187124987

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
13-10-24 20:00:00	0.035525043	29.57295227	7.796646595	1154.826904	3.244324207	0.087343805
13-10-24 21:00:00	0.025728805	31.58931541	7.464194775	1048.27832	8.011377335	0.021455999
13-10-24 22:00:00	50.14122772	31.67593956	7.221211433	980.8751221	9.220266342	0.023353701
13-10-24 23:00:00	50.27923965	31.463871	7.292687416	971.7941895	9.036992073	0.025251403
14-10-24 00:00:00	49.87958145	31.25180244	7.322044849	972.3491821	8.806102753	0.027149107
14-10-24 01:00:00	50.09213257	31.03973198	7.326426983	972.9041748	8.697995186	0.029046809
14-10-24 02:00:00	0.120630369	30.49992943	7.261129379	973.4591675	4.741979122	0.030944511
14-10-24 03:00:00	0.108934306	29.39065552	7.220982552	974.0141602	3.970671892	0.032842211
14-10-24 04:00:00	0.097238243	28.37098122	7.180836201	974.5691528	3.849645615	0.034739915
14-10-24 05:00:00	0.085542187	27.71284866	7.141807556	975.1241455	3.602627277	0.034342851
14-10-24 06:00:00	0.073846124	27.0547142	7.109061718	975.6791382	3.522198439	0.031573333
14-10-24 07:00:00	0.062150065	26.82593918	7.071125507	979.4940796	3.366526365	0.028803818
14-10-24 08:00:00	0.050454006	27.32780075	7.164732933	984.1524048	3.198436499	0.026034299
14-10-24 09:00:00	0.038757946	30.28244209	7.258340836	988.81073	3.030180454	0.023264783
14-10-24 10:00:00	0.035433717	34.85444641	7.351948261	993.4691162	2.788594007	0.020495266
14-10-24 11:00:00	0.038021665	39.2579422	7.476260662	986.1274414	2.689623594	0.017275747
14-10-24 12:00:00	0.040609617		7.621281147	1002.785767	2.621199369	0.01495623
14-10-24 13:00:00	0.043197569		7.789320469	1007.444153	2.585166693	0.016233916
14-10-24 14:00:00	0.045785517		7.908180237	1012.102478	2.573317766	0.019714372
14-10-24 15:00:00	0.048373468		8.012755394	1013.977356	2.56146884	0.02319085
14-10-24 16:00:00	0.050961416		7.171487866	1015.278748	2.770487547	0.026667327
14-10-24 17:00:00	0.053549368	39.69857407	7.356696911	1016.580078	2.894056082	0.030143805
14-10-24 18:00:00	0.053767327	37.29190063	7.37700367	1017.88147	2.966012239	0.033620283
14-10-24 19:00:00	0.053159796	35.07928085	7.289972305	1019.1828	3.037968636	0.037096757
14-10-24 20:00:00	0.052555226	32.93360519	7.202941418	1021.1325507	3.109925032	0.040573236
14-10-24 21:00:00	0.051944729	31.37141991	7.118204594	1029.702759	3.84739089	0.038784161
14-10-24 22:00:00	49.50377274	32.29421616	7.350116253	1172.880493	5.047149458	0.035678733
14-10-24 23:00:00	50.23187256	32.29748917	7.423461437	1189.584351	5.961988449	0.032573309
15-10-24 00:00:00	49.3651123	32.18008804	7.496807098	1192.284668	6.480154037	0.029467881
15-10-24 01:00:00	49.20648956	32.06268692	7.51992321	1187.217041	7.029530525	0.026362455
15-10-24 02:00:00	49.75505829	31.94528389	7.529825687	1182.149536	7.449090004	0.023257026
15-10-24 03:00:00	49.96431351	31.82788277	7.522633553	1177.081909	7.719582801	0.0201516
15-10-24 04:00:00	50.16838837	31.71048164	7.515441418	1172.014404	7.950295448	0.017046174
15-10-24 05:00:00	50.32881546	31.59308052	7.508249283	1166.946777	8.104454041	0.01566405
15-10-24 06:00:00	50.38626099	31.4756794	7.501057148	1161.87915	8.254558563	0.014367362
15-10-24 07:00:00	50.44393158	31.17439651	7.508465058	1156.811646	8.247655869	0.013070673
15-10-24 08:00:00	0.059363905	30.76383018	7.43465662	1160.334961	5.109452724	0.011773984
15-10-24 09:00:00	0.056634605	32.73119736	7.467141151	1167.814209	4.247522354	0.010477294
15-10-24 10:00:00	0.053930531	36.3465004	7.539300919	1173.587158	2.872337818	0.009180605
15-10-24 11:00:00	0.051175997		7.644670486	1177.816284	2.717328548	0.007883917
15-10-24 12:00:00	0.048446693		7.75736475	1182.04541	2.659920692	0.010955378
15-10-24 13:00:00	0.045717388		7.840855598	1186.274536	2.607011557	0.049980909
15-10-24 14:00:00	0.042988084		7.852032661	1190.503662	2.681731224	0.089006439
15-10-24 15:00:00	0.04025878		7.866532803	1194.732788	2.634706497	0.128031969
15-10-24 16:00:00	0.042089991		7.789786816	1198.961914	2.746713161	0.167057499
15-10-24 17:00:00	0.043998498	38.79165649	7.5654459	1197.049438	3.014790297	0.20608303
15-10-24 18:00:00	0.045907006	36.47667694	7.427615643	1194.041382	3.064588785	105.49543
15-10-24 19:00:00	0.047815509	34.56367874	7.344511032	1191.033325	3.114387512	115.3134155
15-10-24 20:00:00	0.049724016	33.06783676	7.264530182	1188.025146	3.164186001	104.9433517
15-10-24 21:00:00	0.051632524	31.83482933	7.211019039	1185.01709	3.213984728	102.4704666
15-10-24 22:00:00	50.29199219	32.28484344	7.261487961	1040.238525	9.099909782	113.896843
15-10-24 23:00:00	50.71280289	32.21214294	7.292897224	1018.715149	9.180677414	114.5123825
16-10-24 00:00:00	50.12408447	32.13944244	7.324373245	1020.416504	8.986086845	94.0437851
16-10-24 01:00:00	50.20002365	32.06674194	7.33655405	1022.117859	8.791496277	115.7659454
16-10-24 02:00:00	50.51366425	31.86076164	7.30573225	1023.819275	8.695911407	115.7124329
16-10-24 03:00:00	50.73227269	31.65309525	7.27491045	1025.52063	8.638407707	138.4645691
16-10-24 04:00:00	50.75617599	31.44542694	7.244089127	1027.221924	8.648170471	103.4012222
16-10-24 05:00:00	50.86442947	31.23775864	7.213267326	1028.92334	8.687532425	139.7495117
16-10-24 06:00:00	50.97660446	31.03092124	7.172665119	1031.224121	8.726983425	139.0634766
16-10-24 07:00:00	0.170539683	30.4661541	7.126981258	1034.63147	5.53938818	115.2636971
16-10-24 08:00:00	0.066019364	30.19153404	7.067893505	1038.038696	5.010792723	109.9255905
16-10-24 09:00:00	0.061499048	32.06352997	7.051309586	1041.446045	4.646223545	108.2499924
16-10-24 10:00:00	0.056978729	31.59543037	7.217321396	1052.819092	7.160651684	136.9212152
16-10-24 11:00:00	0.052458409	30.06343269	7.17372036	1095.37439	5.545361383	113.6767807
16-10-24 12:00:00	0.04793889	30.6197834	7.130043507	1099.939331	5.089269638	128.0137177
16-10-24 13:00:00	0.043417774	32.17439651	7.090808392	1104.504272	4.394408703	116.9797363
16-10-24 14:00:00	0.038897455	33.59483337	7.217175007	1109.069092	3.574777603	123.2698441
16-10-24 15:00:00	0.038435232	33.6554718	7.242815495	1113.634033	3.47298646	114.8131104
16-10-24 16:00:00	0.039725235	33.94627762	7.262479305	1118.198853	3.133016586	112.5575104
16-10-24 17:00:00	0.041035239	33.22865295	7.205021858	1119.618774	3.15506649	107.3889236
16-10-24 18:00:00	0.042335242	31.93627167	7.087516308	1120.606445	3.258320332	109.3687744
16-10-24 19:00:00	0.043635249	30.64389299	6.994575977	1121.594116	3.315522671	113.8148499
16-10-24 20:00:00	0.044935253	29.57207887	6.9373723412	1122.581787	3.363475084	101.6175079
16-10-24 21:00:00	0.046235256	31.47528076	7.16657114	1122.822144	3.676302719	128.0294495
16-10-24 22:00:00	50.50895309	31.5580101	7.275127888	1118.733765	8.659770012	116.2728958
16-10-24 23:00:00	50.48200607	31.46929273	7.318048	1114.645386	8.839474678	142.9913788
17-10-24 00:00:00	50.0600853	31.38043976	7.322795391	1111.345947	8.882250786	151.8626761

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
17-10-24 01:00:00	50.1773262	31.29165268	7.327542305	1111.148682	8.92159462	155.0910187
17-10-24 02:00:00	50.34513092	31.20286751	7.332289696	1110.951416	8.960938454	157.3113098
17-10-24 03:00:00	50.76562119	31.11408234	7.332938671	1110.75415	9.000282288	129.9856415
17-10-24 04:00:00	50.7400322	31.02529526	7.323768616	1110.556885	9.039626122	96.52940369
17-10-24 05:00:00	50.76875687	30.93904114	7.314598083	1110.359619	9.07526207	113.4549332
17-10-24 06:00:00	50.95906448	30.89075279	7.305427551	1110.162354	9.094975471	92.9208374
17-10-24 07:00:00	51.03316879	30.84246635	7.33403492	1109.965088	9.114688873	144.5275879
17-10-24 08:00:00	50.99118042	30.79417801	7.407542229	1107.15332	9.170715332	157.1735382
17-10-24 09:00:00	0.125007555	31.26499747	7.481049061	1115.105225	9.284625518	166.2224597
17-10-24 10:00:00	0.116454676	7.418574333	1128.726807	1128.726807	4.572177887	123.8590546
17-10-24 11:00:00	0.107901804	7.48698616	1132.585205	4.221385479	128.3101654	
17-10-24 12:00:00	0.099348933	7.570129871	1135.052246	4.21107847	124.7174759	
17-10-24 13:00:00	0.090796061	7.692604542	1137.519409	2.697781563	114.5723419	
17-10-24 14:00:00	7.665282726	1139.98465	0.082243189	2.773260593	133.4597015	
17-10-24 15:00:00	0.07369031	7.493786812	1142.453491	2.965003252	128.2352905	
17-10-24 16:00:00	0.065137438	7.265229225	1144.920532	3.045248032	127.3416138	
17-10-24 17:00:00	0.057309575	7.370289673	7.145717621	1146.743896	3.107132912	118.9947662
17-10-24 18:00:00	0.053589847	7.44862915	7.07543993	1142.862915	3.165078964	126.625061
17-10-24 19:00:00	0.049870118	33.01825714	7.016627312	1138.981394	3.22302413	124.4386978
17-10-24 20:00:00	0.046150394	31.3464756	7.024716854	1134.237305	7.379094124	126.2256699
17-10-24 21:00:00	0.042430665	31.82765388	7.212776661	1021.429993	9.003097534	117.1990

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
20-10-24 06:00:00	0.137393653	29.81220245	7.193599701	975.8580933	3.280011892	106.3694916
20-10-24 07:00:00	0.122703634	29.15964127	7.085437298	977.8085938	3.273018122	89.13787079
20-10-24 08:00:00	0.108013608	29.32922745	7.083056927	979.7590332	3.232188463	94.94605255
20-10-24 09:00:00	0.093323573	31.40805054	7.322607517	983.6560669	5.789896488	122.7574768
20-10-24 10:00:00	0.078633547	31.879696919	7.484083176	989.5435791	6.364784718	87.18045807
20-10-24 11:00:00	0.06394352	34.86898041	7.479054928	3.21916604	10.9052429	
20-10-24 12:00:00	0.060794588	37.54185486	7.420636654	1001.318542	2.776148558	101.6993561
20-10-24 13:00:00	0.060864132		7.469274998	1007.206055	2.704771757	118.5857468
20-10-24 14:00:00	0.060933676		7.557794094	1010.437073	2.656040192	115.63311
20-10-24 15:00:00	0.061003219		7.577013969	1010.95166	2.65595603	85.6880188
20-10-24 16:00:00	0.061072763		7.557034016	1011.466248	2.68419838	99.60969543
20-10-24 17:00:00	0.061142307	39.32844162	7.402602196	1011.980896	2.883287668	113.4933701
20-10-24 18:00:00	0.06121185	36.67976379	7.219306469	1012.495483	3.009401798	83.51360321
20-10-24 19:00:00	0.061281394	34.15849304	7.041496277	1013.010132	3.131791115	108.7011719
20-10-24 20:00:00	0.048795708	31.72986412	7.196612835	1013.2677	4.997988224	104.0129013
20-10-24 21:00:00	78.57360077	32.22393036	7.459278107	995.2616577	6.820426464	112.100708
20-10-24 22:00:00	50.56678391	32.12241364	7.484233379	992.131256	7.373269766	104.6458511
20-10-24 23:00:00	50.00458908	32.02089691	7.509188652	991.4560547	7.606322289	117.6422348
21-10-24 00:00:00	50.01221085	31.91937828	7.534143925	990.7808228	7.631157398	111.7450104
21-10-24 01:00:00	50.371521	31.81786156	7.541058064	990.1055908	7.69832468	105.610199
21-10-24 02:00:00	50.73137665	31.71634483	7.543023586	989.4303589	7.77071476	110.3433228
21-10-24 03:00:00	50.95401382	31.6148262	7.546981335	988.755127	7.714428425	105.022438
21-10-24 04:00:00	51.29572296	31.51330948	7.553388119	988.079895	7.727215767	118.5044632
21-10-24 05:00:00	0.049960013	30.60058594	7.276101112	987.4406738	3.569386482	127.5986404
21-10-24 06:00:00	0.048127059	29.22657585	7.043179035	989.6408081	3.304118395	100.6919479
21-10-24 07:00:00	0.064294104	28.3782444	6.997961044	991.8409424	3.317007303	114.7118912
21-10-24 08:00:00	0.0446115	28.2777977	7.017591953	994.0410767	3.269992828	97.82781219
21-10-24 09:00:00	0.04628195	28.74085045	7.063858986	996.2412109	3.184410572	117.7837143
21-10-24 10:00:00	0.040795237	29.32809067	7.129488945	998.4413452	3.098828316	112.6655884
21-10-24 11:00:00	0.038962282	32.01107025	7.236616135	3.050789118	11.5231247	
21-10-24 12:00:00	0.037129328	34.98114014	7.231768131	1052.015747	2.919564962	115.8671799
21-10-24 13:00:00	0.039431877	38.3107338	7.372457027	1057.43396	2.788340807	120.0652313
21-10-24 14:00:00	0.042915978	39.4776535	7.499362469	1062.852795	2.697582006	119.3234048
21-10-24 15:00:00	0.046400078	7.557773113	1068.270508	2.683364868	108.592659	
21-10-24 16:00:00	0.049884174	7.580789089	1073.296265	2.673496723	108.5733795	
21-10-24 17:00:00	0.053368274	7.446135044	1074.432129	2.824115992	112.2595139	
21-10-24 18:00:00	0.056852371	37.85731125	7.311480522	1075.567993	2.92825985	131.8527832
21-10-24 19:00:00	0.060336471	35.93051147	7.176826477	1076.703857	3.02338624	112.2787628
21-10-24 20:00:00	0.063820571	31.50808716	7.150808776	1076.552979	3.784230353	108.5752632
21-10-24 21:00:00	0.087701418	31.48757935	7.072.786743	7.590694427	112.2704086	
21-10-24 22:00:00	50.86994171	31.46707153	6.821753502	1069.020508	8.270366669	167.3926844
21-10-24 23:00:00	50.88404465	31.41551781	7.012024879	6.625905514	132.7112122	
22-10-24 00:00:00	50.10354996	31.29697227	7.093737125	1067.484619	5.449492455	127.5798111
22-10-24 01:00:00	50.19424438	31.17842484	7.125737667	1067.52339	6.483992863	149.539214
22-10-24 02:00:00	0.057450667	31.0598793	7.157738209	1067.560059	4.428248405	145.4455261
22-10-24 03:00:00	50.91080856	30.94133377	7.18973875	4.550000191	150.2924805	
22-10-24 04:00:00	50.65615082	30.82278824	7.221739292	4.550000191	153.0497764	
22-10-24 05:00:00	50.74785614	30.70424271	7.212848663	4.550000191	106.4636917	
22-10-24 06:00:00	50.981884	30.58569527	7.201102734	1067.711182	4.681333065	108.076683
22-10-24 07:00:00	51.2386322	30.5454998	7.215782166	1068.449629	4.701580048	109.0080109
22-10-24 08:00:00	51.31895447	30.59484482	7.265609741	1069.454346	6.119999886	108.9524841
22-10-24 09:00:00	0.08740329	30.72664642	7.309075356	1070.458862	7.260724068	120.5634232
22-10-24 10:00:00	50.97134781	31.04708099	7.443358898	1071.463379	7.99132061	111.152565
22-10-24 11:00:00	0.118801832	34.45311737	7.423141479	1074.502808	3.228809834	132.8601532
22-10-24 12:00:00	0.05457722	39.41662216	7.576885223	1083.785278	2.689784765	101.6891327
22-10-24 13:00:00	0.053490479		7.688130379	1093.067871	2.639668941	119.2077408
22-10-24 14:00:00	0.052403737	7.76251744	1102.350342	2.607973576	127.3251572	
22-10-24 15:00:00	0.051316995	7.802182198	1111.632813	2.605851389	136.8916321	
22-10-24 16:00:00	0.050230353	7.857642651	1120.915283	2.616401196	138.9959566	
22-10-24 17:00:00	0.049143512	7.794380882	1127.759033	2.76450181	138.686303	
22-10-24 18:00:00	0.04805677	7.65604496	1126.589966	2.96335807	129.6376007	
22-10-24 19:00:00	0.046970028	7.468236923	1125.420898	3.037655115	131.6396985	
22-10-24 20:00:00	0.039773308	32.15527766	7.408457279	1026.695577	6.685363293	124.8128433
22-10-24 21:00:00	49.86694336	32.59197617	7.36119175	994.6853027	7.711612225	116.1523895
22-10-24 22:00:00	48.74411392	32.48034286	7.376265526	989.4212036	8.060286522	144.1194445
22-10-24 23:00:00	49.07408142	32.36871338	7.399022102	985.1189575	8.241735458	169.6613949
22-10-24 00:00:00	49.52791214	32.25708008	7.421778202	980.8167114	8.386839867	114.7336044
23-10-24 01:00:00	50.09477234	32.14545059	7.434046745	976.5144653	8.502709389	116.8461304
23-10-24 02:00:00	50.41393661	32.03313446	7.409400536	972.3494263	8.694723129	138.8210754
23-10-24 03:00:00	50.50012589	31.90177917	7.41245842	973.2497559	8.74281131	135.9487152
23-10-24 04:00:00	50.77228546	31.7704258	7.43391943	974.1500854	8.808254242	145.7476349
23-10-24 05:00:00	50.85957718	31.63907242	7.455380917	975.050415	8.783695374	150.8187703
23-10-24 06:00:00	50.9561615	31.50771713	7.475889206	975.9508057	8.916132927	109.680542
23-10-24 07:00:00	51.0386668	31.37636373	7.493683338	976.8511353	8.933566093	109.2931442
23-10-24 08:00:00	-0.007879042	7.432118416	7.183967113	977.7514648	7.183967113	104.207756
23-10-24 09:00:00	0.001270588	32.41034698	7.222892284	978.6517944	4.418580532	116.606636
23-10-24 10:00:00	0.010420218	36.28549194	7.244294167	981.2797241	3.395109892	0.269810319

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
23-10-24 11:00:00	0.0195669848	38.7872963	7.388012409	985.2437134	2.88831387	0.236832008
23-10-24 12:00:00	0.028719477		7.533837318	989.2076416	2.728550196	0.203853711
23-10-24 13:00:00	0.037869107		7.664111614	993.1716309	2.623368502	0.170875415
23-10-24 14:00:00	0.047018737		7.643964767	997.1356201	2.643052166	0.137897104
23-10-24 15:00:00	0.056168366	34.23038101	7.648472309	995.9060059	6.815137863	0.104918808
23-10-24 16:00:00	0.060909338	32.63934326	7.756558418	988.4640503	7.579230785	0.071940511
23-10-24 17:00:00	0.059406843	32.49609756	8.370692253	993.3423462	8.172662735	0.038962208
23-10-24 18:00:00	0.057904348	32.35573196		998.5575562	8.029108047	0.036806278
23-10-24 19:00:00	0.056401849	32.21536636	8.244603157	1005.206787	7.84505558	0.036225583
23-10-24 20:00:00	51.20801544	32.07500076	8.019564629	1011.855957	7.708342552	0.035648885
23-10-24 21:00:00	51.34879684	31.93463326	7.909328938	1018.505188	7.757200241	0.035064191
23-10-24 22:00:00	50.70463181	31.79426765	7.830027103	1025.154297	7.737788677	108.4292984
23-10-24 23:00:00	50.47756958	31.65390205	7.759634018	1034.113403	7.341128349	123.4430923
24-10-24 00:00:00	50.87736893	31.51353455	7.69266367	1047.414917	6.959513187	123.719696
24-10-24 01:00:00	51.03862	31.36719131	7.627859116	1060.610718	6.985758781	171.7814686
24-10-24 02:00:00	51.26488113	31.21619797	7.608469486	1061.231934	7.23785162	116.3050232
24-10-24 03:00:00	51.36517334	31.06520462	7.604106903	1061.853149	7.489943981	137.8237152
24-10-24 04:00:00	51.39630508	30.91421127	7.59974432	1062.474365	7.718002319	133.1124573
24-10-24 05:00:00	51.24282837	30.76321793	7.595381737	1063.095581	7.877053738	144.5175629
24-10-24 06:00:00	51.47206879	30.61222458	7.606823921	1063.716797	8.036104202	146.9115295
24-10-24 07:00:00	51.66140747	30.46123123	7.629749298	1064.338013	8.184465408	135.5684967
24-10-24 08:00:00	50.03314814	30.31023788	7.601634026	1064.959229	4.768724442	131.4667892
24-10-24 09:00:00	0.033748921	32.14062881	7.477966785	1066.45105	3.077777386	170.4764009
24-10-24 10:00:00	0.034363028	35.56871796	7.56741735	1072.383789	2.834025429	178.0708349
24-10-24 11:00:00	0.034977134	38.60005188	7.546276569	1078.31665	2.77981329	159.424839
24-10-24 12:00:00	0.035591241		7.766005993	1084.24939	2.725987196	104.0319672
24-10-24 13:00:00	0.036205348		7.893938164	1090.182251	2.686267138	124.5921631
24-10-24 14:00:00	0.036819454		7.933019126	1096.11499	2.646547079	109.013885
24-10-24 15:00:00	0.037433561		7.972210884	1102.047852	2.638061762	107.5514755
24-10-24 16:00:00	0.038926646		7.967207432	1107.980591	2.662050724	154.3588984
24-10-24 17:00:00	0.041850459		7.910172939	1112.064209	2.829257237	129.6880646
24-10-24 18:00:00	0.044774275	37.92908859	7.665557861	1108.619995	3.034136772	111.0944824
24-10-24 19:00:00	0.047698088	35.4883728	7.493088722	1105.175781	3.114014387	116.1266937
24-10-24 20:00:00	0.050621901	33.57841873	7.378339767	1101.731689	3.193892002	114.7662354
24-10-24 21:00:00	0.053545713	31.90202233	7.273450628	1098.287476	3.273769855	112.0971527
24-10-24 22:00:00	51.1404686	32.08959579	7.362737566	988.8248901	8.647509575	175.0710754
24-10-24 23:00:00	50.71897888	32.12702179	7.403315067	965.395874	9.132386208	125.0467758
25-10-24 00:00:00	50.04787827	32.13018799	7.424803257	966.0760498	9.10658917	117.8349991
25-10-24 01:00:00	50.05955887	32.01558685	7.424954891	966.7562256	9.030161858	135.8960653
25-10-24 02:00:00	50.35421371	31.87405968	7.425107002	967.4364624	8.975944519	141.9885101
25-10-24 03:00:00	50.5745697	31.73253253	7.425591133	968.1166382	8.961028099	134.9480438
25-10-24 04:00:00	50.7417984	31.59100723	7.419574508	968.796875	8.92055294	146.923185
25-10-24 05:00:00	50.76259613	31.44948006	7.41312933	969.4770508	8.913448334	138.9615747
25-10-24 06:00:00	50.76664734	31.30795288	7.406050414	970.1572266	8.942458153	134.5398254
25-10-24 07:00:00	50.895401	31.1664257	7.407635699	971.4973755	8.958643933	146.9110199
25-10-24 08:00:00	50.96420288	31.02489853	7.476477146	975.0748901	8.970334053	105.369545
25-10-24 09:00:00	50.12805328	31.46008492	7.545318127	978.6524048	9.084230433	114.2252342
25-10-24 10:00:00	0.039625641	34.93112946	7.439338961	982.2299194	2.905398786	101.9409866
25-10-24 11:00:00	0.039692186	38.52159882	7.555989742	985.8074341	2.722717728	108.0343199
25-10-24 12:00:00	0.039578734		7.65453434	989.3894847	2.700911176	100.2403183
25-10-24 13:00:00	0.0398215279		7.679109573	992.9624634	2.705716661	113.0050508
25-10-24 14:00:00	0.039851838		7.70384843	995.6816406	2.710521146	100.4870806
25-10-24 15:00:00	0.039958376		7.730853693	997.0117188	2.710521146	124.0282832
25-10-24 16:00:00	0.040024921		7.703258514	998.3417969	2.754939318	130.6240084
25-10-24 17:00:00	0.040379558		7.599170685	999.677936	2.847178221	127.2849655
25-10-24 18:00:00	0.044766966	38.74402618	7.494494384	1001.002014	2.939417124	111.3989792
25-10-24 19:00:00	0.049154371	36.7106781	7.357751369	1002.332153	3.043384552	109.8813477
25-10-24 20:00:00	0.05354178	34.67733383	7.271009254	1003.662231	3.150034189	114.8486938
25-10-24 21:00:00	50.6111145	31.82985497	7.345208168	970.1172485	8.4848517895	115.9685516
25-10-24 22:00:00	50.95954895	31.91138268	7.364392281	968.2480469	4.988230228	99.09080583
25-10-24 23:00:00	50.44340515	31.99291039	7.383577687	966.3789063	5.13313177	116.1274711
26-10-24 00:00:00	50.23693848	31.86560059	7.393135071	964.5097656	6.020307173	91.19001007
26-10-24 01:00:00	50.68227768	31.72535133	7.399460793	962.640564	6.485209465	121.8701019
26-10-24 02:00:00	50.84805298	31.58510208	7.405786514	962.0674438	6.950032181	132.6738035
26-10-24 03:00:00	51.02272079	31.44485092	7.421122366	963.9159546	7.274320126	149.585706
26-10-24 04:00:00	51.34353256	31.30460167	7.428466968	965.7644043	7.561623573	132.6716553
26-10-24 05:00:00	51.32410049	31.16435242	7.44559145	967.612915	7.797996044	146.5273285
26-10-24 06:00:00	51.30435181	31.02410316	7.462713242	969.4614258	7.994243622	131.8296661
26-10-24 07:00:00	51.68665695	30.90499496	7.479834557	971.3099365	8.105210304	137.9546527
26-10-24 08:00:00	51.47122574	30.98535347	7.527799683	973.1584473	8.268187553	103.8484268
26-10-24 09:00:00	0.005489381	31.53260994	7.654340536	975.06897	7.113408566	104.8716812
26-10-24 10:00:00	0.01283201	35.30804443	7.550024509	978.4906069	2.854282141	106.6155243
26-10-24 11:00:00	0.020174639	38.31577301	7.665098667	983.3664551	2.80194211	110.8387604
26-10-24 12:00:00	0.027517268		7.735347748	988.3233032	2.776382923	113.6225281
26-10-24 13:00:00	0.034859896		7.799646378	993.2801514	2.750823736	118.1072769
26-10-24 14:00:00	0.042020525		7.849332152	998.2369959	2.734069109	111.9881592
26-10-24 15:00:00	0.049545154		7.805151939	1003.193848	2.787755728	123.8967285

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
26-ٱ.ٱ.-24 16:00:00	0.056887783		7.40811348	1008.150696	2.841442585	114.075531
26-ٱ.ٱ.-24 17:00:00	0.062546119	38.63950348	7.66759491	1013.107483	2.895129442	153.2933197
26-ٱ.ٱ.-24 18:00:00	0.062755331	37.18130493	7.594378948	1013.019409	2.948816061	108.6548157
26-ٱ.ٱ.-24 19:00:00	0.062964536	35.66302109	7.512000561	1010.312927	3.016500691	108.0965118
26-ٱ.ٱ.-24 20:00:00	0.063173749	34.14474106	7.421738625	1007.606445	3.101122856	102.5332413
26-ٱ.ٱ.-24 21:00:00	0.063382953	31.76010513	7.451486588	1005.255371	4.941547394	111.2501831
26-ٱ.ٱ.-24 22:00:00	50.8823967	32.50694656	7.77984333	1007.567566	10.17445469	115.4287567
26-ٱ.ٱ.-24 23:00:00	51.15615845	32.52822495	8.081977844	1009.8797	9.905440331	111.9329453
27-ٱ.ٱ.-24 00:00:00	0.023171293	32.51632309	8.224748611	1012.191895	9.071100235	106.3113937
27-ٱ.ٱ.-24 01:00:00	0.058261003	32.39194489	8.007175446	1014.504028	8.613724709	105.1411972
27-ٱ.ٱ.-24 02:00:00	50.07188034	32.26756287	7.786353588	1016.816223	8.222323954	106.0009689
27-ٱ.ٱ.-24 03:00:00	49.76142502	32.14318466	7.645582199	1019.128418	8.438481331	106.8577881
27-ٱ.ٱ.-24 04:00:00	49.43761826	32.01880646	7.579271317	1021.440552	8.373346329	103.8667068
27-ٱ.ٱ.-24 05:00:00	49.54954147	31.89442444	7.512599468	1023.663818	8.315131187	98.01344299
27-ٱ.ٱ.-24 06:00:00	0.062113099	31.57605553	7.441338062	1025.451294	6.517710209	112.0290222
27-ٱ.ٱ.-24 07:00:00	0.059344411	30.52424431	7.155838013	1027.238892	3.236511707	100.4712448
27-ٱ.ٱ.-24 08:00:00	0.056575723	30.534935	7.145751953	1029.026367	3.127892733	111.4326248
27-ٱ.ٱ.-24 09:00:00	0.053807035	31.69691086	7.248561382	1030.813843	3.01927352	121.4406815
27-ٱ.ٱ.-24 10:00:00	0.051038351	34.95714188	7.407502174	1032.876343	2.867887497	116.5277293
27-ٱ.ٱ.-24 11:00:00	0.048269663	37.20664597	7.52677393	1035.215332	2.809661865	112.7197571
27-ٱ.ٱ.-24 12:00:00	0.045500975	39.16572189	7.638835907	1037.554443	2.795657635	96.41342926
27-ٱ.ٱ.-24 13:00:00	0.042732287	39.21231079	7.608364582	1039.893433	2.821311235	115.035347
27-ٱ.ٱ.-24 14:00:00	0.041702896	38.91537476	7.577893257	1042.232544	2.858068943	110.5172577
27-ٱ.ٱ.-24 15:00:00	0.043983985	38.22270966	7.547421932	1044.571533	2.894826889	98.5766449
27-ٱ.ٱ.-24 16:00:00	0.046265073	37.24968338	7.51695013	1046.910522	2.931584597	98.98246002
27-ٱ.ٱ.-24 17:00:00	0.048546162	35.77765656	7.421390057	1049.249634	2.98138237	117.4970322
27-ٱ.ٱ.-24 18:00:00	0.050827246	32.36584854	7.247142315	1049.689209	3.160512686	116.1043854
27-ٱ.ٱ.-24 19:00:00	0.053108335	27.8968862	7.019808292	1049.136841	3.377277136	105.4403763
27-ٱ.ٱ.-24 20:00:00	0.055389423	26.73500824	6.942048073	1048.584473	3.437425852	115.2387695
27-ٱ.ٱ.-24 21:00:00	0.057670508	31.70355797	7.048303227	1048.032227	4.271294594	101.9854889
27-ٱ.ٱ.-24 22:00:00	50.05702591	31.67171288	7.040922165	1047.159302	5.132229805	117.0236511
27-ٱ.ٱ.-24 23:00:00	50.37579727	31.62475014	7.051725864	1046.056274	5.481740475	108.1377182
28-ٱ.ٱ.-24 00:00:00	49.68521881	31.51226997	7.100317955	1044.953247	5.845202446	113.0957642
28-ٱ.ٱ.-24 01:00:00	49.68536377	31.39979172	7.150211811	1043.85022	6.313181877	106.1613998
28-ٱ.ٱ.-24 02:00:00	50.10408401	31.28731346	7.200131416	1042.747192	6.748242855	105.6850815
28-ٱ.ٱ.-24 03:00:00	50.46474838	31.17483521	7.237199306	1041.644165	7.157950401	115.7455978
28-ٱ.ٱ.-24 04:00:00	50.75329208	31.06235695	7.25974226	1040.541016	7.469257355	110.3765182
28-ٱ.ٱ.-24 05:00:00	50.91070557	30.94987679	7.282284737	1039.437988	7.686693668	136.864325
28-ٱ.ٱ.-24 06:00:00	50.96084976	30.83739853	7.30482769	1038.854004	7.869604111	99.72267151
28-ٱ.ٱ.-24 07:00:00	51.19010544	30.75493813	7.327370167	1038.518311	8.023913383	103.9277344
28-ٱ.ٱ.-24 08:00:00	51.35136414	30.7703495	7.375982285	1038.182617	8.20975399	108.0138016
28-ٱ.ٱ.-24 09:00:00	51.46017456	30.78576088	7.439596653	1037.846924	8.33482933	102.0657959
28-ٱ.ٱ.-24 10:00:00	0.028031055	33.38642502	7.434503555	1037.51123	3.250424623	117.2027359
28-ٱ.ٱ.-24 11:00:00	0.029362135	36.1209259	7.449923992	1037.662964	2.982733011	0.093423501
28-ٱ.ٱ.-24 12:00:00	0.030693213	36.29836139	7.471820354	1040.227539	2.94937482	0.084573492
28-ٱ.ٱ.-24 13:00:00	0.03202429	36.49593735	7.500965118	1042.792114	2.936933517	0.075723484
28-ٱ.ٱ.-24 14:00:00	0.03335537	36.51551437	7.480031967	1045.356812	2.952828426	0.066873468
28-ٱ.ٱ.-24 15:00:00	0.03468645	37.23887253	7.56333065	1047.921387	2.906812906	0.05802346
28-ٱ.ٱ.-24 16:00:00	0.03601753	36.89061737	7.543063641	1050.485962	2.925602913	0.049173452
28-ٱ.ٱ.-24 17:00:00	0.037348609	36.10758209	7.261437416	659.2332764	3.50538063	0.040323444
28-ٱ.ٱ.-24 18:00:00	0.039947655	34.92295456	7.277213097	756.2392578	3.210534573	0.031473432
28-ٱ.ٱ.-24 19:00:00	0.042758364	33.28139877	7.166447163	859.5968628	3.264038563	0.032123696
28-ٱ.ٱ.-24 20:00:00	0.045569073	31.63984299	7.093593121	898.071167	3.317542553	0.036686096
28-ٱ.ٱ.-24 21:00:00	0.048379779	31.49028969	7.828190327	999.3408813	9.403179169	0.041248497
28-ٱ.ٱ.-24 22:00:00	51.45317841	31.54440689	8.091640472	1001.376221	9.773906847	0.045810893
28-ٱ.ٱ.-24 23:00:00	51.02831268	31.56571198	8.088454247	1003.41156	9.646100044	0.050373293
29-ٱ.ٱ.-24 00:00:00	50.44458771	31.55140114	8.073949814	1005.446899	9.535528183	0.054935694
29-ٱ.ٱ.-24 01:00:00	50.48394394	31.44942474	8.032176971	1007.482239	9.429186621	0.059498094
29-ٱ.ٱ.-24 02:00:00	50.30552139	31.34744835	7.982232571	1009.517578	9.36321381	0.064060494
29-ٱ.ٱ.-24 03:00:00	51.07177734	31.24547195	7.932288647	1011.552917	9.356406212	0.058156595
29-ٱ.ٱ.-24 04:00:00	51.38130569	31.14349556	7.906336308	1013.588196	9.350509166	0.050564516
29-ٱ.ٱ.-24 05:00:00	51.41690063	31.04153107	7.893380238	1015.639587	9.344777107	0.042972438
29-ٱ.ٱ.-24 06:00:00	51.71259689	30.93054468	7.878423691	1017.713989	9.33391571	0.03538036
29-ٱ.ٱ.-24 07:00:00	51.5727272	30.83756828	7.858018398	1019.788391	9.296219826	0.027788283
29-ٱ.ٱ.-24 08:00:00	0.074614473	30.68313217	7.679525852	1021.862854	7.724408627	0.020196207
29-ٱ.ٱ.-24 09:00:00	0.069771662	31.14017178	7.667247295	1023.937256	6.518525124	0.012604129
29-ٱ.ٱ.-24 10:00:00	0.064928859	34.12123108	7.713389874	1026.011719	5.329922199	0.005131187
29-ٱ.ٱ.-24 11:00:00	0.060086057	37.06668091	7.790725708	1028.08606	4.777957439	145.086026
29-ٱ.ٱ.-24 12:00:00	0.055243254	39.53119659	7.832001686	1030.160522	3.875205278	129.6658826
29-ٱ.ٱ.-24 13:00:00	0.050400051		7.873761654	1031.656494	3.39378047	114.8587799
29-ٱ.ٱ.-24 14:00:00	0.045557648		7.916540623	1032.705078	2.981694698	125.4769592
29-ٱ.ٱ.-24 15:00:00	0.040714841		7.585174084	1033.753662	3.198046207	136.650208
29-ٱ.ٱ.-24 16:00:00	0.044515695		7.631101608	1034.802246	3.096641541	128.8462067
29-ٱ.ٱ.-24 17:00:00	0.048601702		7.550334454	1035.85083	3.110644102	136.8515918
29-ٱ.ٱ.-24 18:00:00	0.052687712	38.62965012	7.358277798	1036.899414	3.201731205	130.1159821
29-ٱ.ٱ.-24 19:00:00	0.056773722	36.3923912	7.169107914	1037.947998	3.292818069	123.3800583
29-ٱ.ٱ.-24 20:00:00	0.060859732	34.29242325	7.080779552	1038.996582	3.344857454	123.8153229

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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
29-ٱ.ٱ.-24 21:00:00	0.064945742	31.70432854	8.105241776	1039.28125	9.640294075	129.8395538
29-ٱ.ٱ.-24 22:00:00	51.1255722	31.70881462	8.076327324	1039.265869	9.570091248	122.8501587
29-ٱ.ٱ.-24 23:00:00	50.82722473	31.7132988	8.047412872	1039.250488	9.354275703	165.5008955
30-ٱ.ٱ.-24 00:00:00	50.26551056	31.69646072	8.018498421	1039.235107	9.247872353	149.8939056
30-ٱ.ٱ.-24 01:00:00	50.29410172	31.57510757	7.989584446	1039.219727	9.120851517	131.6368561
30-ٱ.ٱ.-24 02:00:00	50.60489655	31.45375252	7.960669994	1039.204346	9.073782921	149.7589874
30-ٱ.ٱ.-24 03:00:00	50.78458405	31.33239937	7.93175602	1039.188965	9.058844566	154.191864
30-ٱ.ٱ.-24 04:00:00	50.94934845	31.21104431	7.91236639	1039.173584	9.066680908	159.2799835
30-ٱ.ٱ.-24 05:00:00	51.09201813	31.08969116	7.902344704	1039.180176	9.091849327	161.0560303
30-ٱ.ٱ.-24 06:00:00	51.27423477	30.96833611	7.892323017	1039.190063	9.135731697	120.4641113
30-ٱ.ٱ.-24 07:00:00	51.4059906	30.84698296	7.920293808	1039.199951	9.146286964	130.3080139
30-ٱ.ٱ.-24 08:00:00	51.40655518	30.79202271	7.992892265	1039.209717	9.252700806	131.1132202
30-ٱ.ٱ.-24 09:00:00	0.162879616	31.30875969	7.939124107	1039.219604	8.821038246	127.1282266
30-ٱ.ٱ.-24 10:00:00	0.15	32.65	7.76	1,039.23	7.24	131.93
30-ٱ.ٱ.-24 11:00:00	0.13	36.48	7.79	1,039.24	6.21	130.46
30-ٱ.ٱ.-24 12:00:00	0.12	33.84	7.48	1,039.25	5.17	125.01
30-ٱ.ٱ.-24 13:00:00	0.10	33.68	7.37	1,039.24	3.61	133.40
30-ٱ.ٱ.-24 14:00:00	0.08	33.94	7.36	1,039.23	3.61	122.11
30-ٱ.ٱ.-24 15:00:00	0.07	34.47	7.38	1,039.22	3.53	134.26
30-ٱ.ٱ.-24 16:00:00	0.05	34.73	7.39	1,039.21	3.47	136.45
30-ٱ.ٱ.-24 17:00:00	0.04	33.66	7.29	1,039.21	3.44	132.02
30-ٱ.ٱ.-24 18:00:00	0.05	32.39	7.19	1,039.20	3.39	130.28
30-ٱ.ٱ.-24 19:00:00	0.05	31.15	7.09	1,039.19	3.35	132.11
30-ٱ.ٱ.-24 20:00:00	0.05	30.66	7.34	1,039.18	9.66	126.07
30-ٱ.ٱ.-24 21:00:00	0.05	31.58	7.95	1,039.20	11.04	124.08
30-ٱ.ٱ.-24 22:00:00	51.38	31.73	7.33	1,039.21	10.66	167.23
30-ٱ.ٱ.-24 23:00:00	50.92	31.66	7.32	1,039.23	10.29	160.62
31-ٱ.ٱ.-24 00:00:00	50.18	31.56	7.36	1,039.24	10.01	124.31
31-ٱ.ٱ.-24 01:00:00	50.11	31.46	7.43	1,039.25	9.78	130.12
31-ٱ.ٱ.-24 02:00:00	50.77	31.36	7.39	1,039.27	9.62	142.27
31-ٱ.ٱ.-24 03:00:00	50.88	31.26	7.47	1,039.28	9.48	143.08
31-ٱ.ٱ.-24 04:00:00	50.84	31.16	7.50	1,039.30	9.41	141.08
31-ٱ.ٱ.-24 05:00:00	50.98	31.06	7.54	1,039.33	9.33	123.39
31-ٱ.ٱ.-24 06:00:00	50.97	30.97	7.57	1,039.35	9.31	130.51
31-ٱ.ٱ.-24 07:00:00	51.10	30.96	7.62	1,039.38	9.38	146.28
31-ٱ.ٱ.-24 08:00:00	51.10	30.95	7.75	1,039.41	9.50	126.99
31-ٱ.ٱ.-24 09:00:00	51.18	30.98	7.89	1,039.43	9.55	123.90
31-ٱ.ٱ.-24 10:00:00	51.18	31.48	8.20	1,039.46	10.09	133.44
31-ٱ.ٱ.-24 11:00:00	0.03	36.27	8.08	1,039.49	8.89	133.11
31-ٱ.ٱ.-24 12:00:00	0.03	38.45	8.04	1,039.49	8.33	111.23
31-ٱ.ٱ.-24 13:00:00	0.04	8.00	1,039.48	7.74	128.23	
31-ٱ.ٱ.-24 14:00:00	0.04	39.97	7.89	1,039.46	6.37	125.49
31-ٱ.ٱ.-24 15:00:00	0.04	37.47	7.55	1,039.45	4.59	118.30
31-ٱ.ٱ.-24 16:00:00	0.05	35.22	7.27	1,039.43	3.38	131.66
31-ٱ.ٱ.-24 17:00:00	0.05	34.61	7.31	1,039.42	3.25	131.00
31-ٱ.ٱ.-24 18:00:00	0.05	33.33	7.21	1,039.40	3.25	126.80
31-ٱ.ٱ.-24 19:00:00	0.05	32.05	7.12	1,039.39	3.26	118.99
31-ٱ.ٱ.-24 20:00:00	0.04	31.21	7.71	1,039.37	8.99	129.81
31-ٱ.ٱ.-24 21:00:00	0.03	31.38	8.12	1,039.34	9.43	127.17
31-ٱ.ٱ.-24 22:00:00	50.49	31.41	7.67	1,039.32	9.23	132.98
31-ٱ.ٱ.-24 23:00:00	50.57	31.33	7.68	1,039.30	9.05	133.45
01-ٱ.ٱ.-24 00:00:00	49.97	31.25	7.70	1,039.28	9.00	128.24

November-24

*Remark
Copy value to PI and record it as value.

Time	10GM840CF001XQ01.PV	10GM830CT001XQ01.PV	10GM830CQ001XQ01.PV	10GM830CQ002XQ01.PV	10GM830CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-พ.ย.-24 00:00:00	49.97	31.25	7.70	1,039.28	9.00	128.24
01-พ.ย.-24 01:00:00	50.18	31.17	7.71	1,039.26	8.96	158.87
01-พ.ย.-24 02:00:00	50.46	31.08	7.73	1,039.24	8.85	129.84
01-พ.ย.-24 03:00:00	50.84	31.00	7.75	1,039.22	8.81	165.59
01-พ.ย.-24 04:00:00	50.79	30.92	7.76	1,039.23	8.80	157.69
01-พ.ย.-24 05:00:00	50.97	30.84	7.76	1,039.25	8.86	139.46
01-พ.ย.-24 06:00:00	50.95	30.76	7.76	1,039.28	8.91	155.14
01-พ.ย.-24 07:00:00	50.97	30.69	7.78	1,039.30	8.94	130.42
01-พ.ย.-24 08:00:00	50.84	30.62	7.87	1,039.32	9.00	111.60
01-พ.ย.-24 09:00:00	0.10	30.83	7.96	1,039.35	8.91	130.52
01-พ.ย.-24 10:00:00	0.09	34.48	7.83	1,039.37	7.07	126.17
01-พ.ย.-24 11:00:00	0.08	37.72	7.86	1,039.40	6.33	124.12
01-พ.ย.-24 12:00:00	0.08		7.88	1,039.37	5.42	124.72
01-พ.ย.-24 13:00:00	0.07		7.87	1,039.34	4.15	128.12
01-พ.ย.-24 14:00:00	0.06		7.78	1,039.30	3.03	134.06
01-พ.ย.-24 15:00:00	0.05		7.68	1,039.27	2.95	135.82
01-พ.ย.-24 16:00:00	0.05	39.26	7.42	1,039.24	3.14	135.23
01-พ.ย.-24 17:00:00	0.04	37.36	7.34	1,039.21	3.17	128.98
01-พ.ย.-24 18:00:00	0.04	35.64	7.27	1,039.18	3.19	127.99
01-พ.ย.-24 19:00:00	0.04	33.89	7.21	1,039.15	3.21	112.31
01-พ.ย.-24 20:00:00	0.05	32.39	7.14	1,039.18	3.23	122.64
01-พ.ย.-24 21:00:00	0.05	31.74		1,039.20	10.78	125.87
01-พ.ย.-24 22:00:00	0.05	31.91		1,039.23	10.97	135.12
01-พ.ย.-24 23:00:00	0.05	31.85	8.07	1,039.25	10.37	130.19
02-พ.ย.-24 00:00:00	50.86	31.78	7.29	1,039.28	9.84	113.62
02-พ.ย.-24 01:00:00	50.12	31.72	7.25	1,039.30	9.66	138.94
02-พ.ย.-24 02:00:00	49.79	31.66	7.27	1,039.32	9.45	126.08
02-พ.ย.-24 03:00:00	49.92	31.60	7.31	1,039.34	9.30	150.73
02-พ.ย.-24 04:00:00	50.37	31.51	7.38	1,039.33	9.19	141.67
02-พ.ย.-24 05:00:00	50.68	31.40	7.45	1,039.32	9.07	125.76
02-พ.ย.-24 06:00:00	50.59	31.30	7.46	1,039.31	9.03	128.04
02-พ.ย.-24 07:00:00	50.64	31.19	7.07	1,039.29	8.82	121.76
02-พ.ย.-24 08:00:00	50.62	31.09	6.92	1,039.28	8.80	144.99
02-พ.ย.-24 09:00:00	50.66	31.13	6.83	1,039.27	8.98	140.07
02-พ.ย.-24 10:00:00	50.86	31.43	7.06	1,039.26	9.09	122.60
02-พ.ย.-24 11:00:00	50.96	31.72	7.45	1,039.25	9.33	130.95
02-พ.ย.-24 12:00:00	0.12	34.96	7.58	1,039.24	2.96	128.30
02-พ.ย.-24 13:00:00	0.11	38.16	7.57	1,039.23	2.80	134.28
02-พ.ย.-24 14:00:00	0.10	38.40	7.54	1,039.22	2.78	126.11
02-พ.ย.-24 15:00:00	0.09	38.21	7.49	1,039.21	2.82	127.06
02-พ.ย.-24 16:00:00	0.08	37.74	7.50	1,039.20	2.87	180.81
02-พ.ย.-24 17:00:00	0.07	37.01	7.43	1,039.19	2.95	137.17
02-พ.ย.-24 18:00:00	0.06	35.55	7.26	1,039.18	3.03	125.97
02-พ.ย.-24 19:00:00	0.05	33.56	7.10	1,039.19	3.13	125.38
02-พ.ย.-24 20:00:00	0.05	31.79	7.05	1,039.21	3.25	127.97
02-พ.ย.-24 21:00:00	0.06	31.64	7.68	1,039.23	7.04	125.84
02-พ.ย.-24 22:00:00	51.11	31.69	8.13	1,039.26	8.69	127.99
02-พ.ย.-24 23:00:00	50.53	31.57	8.17	1,039.28	8.63	119.03
03-พ.ย.-24 00:00:00	50.20	31.45	8.14	1,039.31	8.52	128.13
03-พ.ย.-24 01:00:00	50.22	31.34	8.12	1,039.33	8.38	125.75
03-พ.ย.-24 02:00:00	50.54	31.22	8.09	1,039.35	8.44	135.29
03-พ.ย.-24 03:00:00	50.68	31.10	8.07	1,039.36	8.51	133.20
03-พ.ย.-24 04:00:00	50.92	30.95	8.04	1,039.36	8.51	133.71
03-พ.ย.-24 05:00:00	51.10	30.79	8.01	1,039.35	8.59	134.56
03-พ.ย.-24 06:00:00	51.03	30.64	7.99	1,039.35	8.61	135.65
03-พ.ย.-24 07:00:00	50.93	30.48	8.00	1,039.35	8.70	124.14
03-พ.ย.-24 08:00:00	51.15	30.33	8.06	1,039.34	8.69	133.57
03-พ.ย.-24 09:00:00	51.23	30.50	8.11	1,039.34	8.86	129.57
03-พ.ย.-24 10:00:00	0.11	33.12	7.87	1,039.34	4.53	127.26
03-พ.ย.-24 11:00:00	0.11	36.67	7.72	1,039.33	3.03	138.27
03-พ.ย.-24 12:00:00	0.10	37.47	7.67	1,039.31	2.93	124.84
03-พ.ย.-24 13:00:00	0.09	39.49	7.71	1,039.30	2.84	130.90
03-พ.ย.-24 14:00:00	0.08	39.45	7.78	1,039.29	2.80	123.56
03-พ.ย.-24 15:00:00	0.08	39.83	7.82	1,039.27	2.75	129.37
03-พ.ย.-24 16:00:00	0.07	39.16	7.80	1,039.26	2.78	124.58
03-พ.ย.-24 17:00:00	0.06	37.92	7.82	1,039.25	2.84	133.92
03-พ.ย.-24 18:00:00	0.06	36.41	7.53	1,039.23	2.97	137.68
03-พ.ย.-24 19:00:00	0.05	34.47	7.22	1,039.25	3.09	120.14
03-พ.ย.-24 20:00:00	0.05	32.54	7.11	1,039.27	3.22	124.96
03-พ.ย.-24 21:00:00	0.05	30.91	8.40	1,039.29	9.27	125.46
03-พ.ย.-24 22:00:00	0.04	30.92	8.11	1,039.31	9.01	0.49
03-พ.ย.-24 23:00:00	50.35	30.84	7.52	1,039.33	8.91	0.43
04-พ.ย.-24 00:00:00	49.89	30.76	7.48	1,039.35	8.60	0.37
04-พ.ย.-24 01:00:00	49.32	30.67	7.47	1,039.37	8.57	0.30
04-พ.ย.-24 02:00:00	49.81	30.59	7.49	1,039.39	8.45	0.24
04-พ.ย.-24 03:00:00	50.07	30.51	7.50	1,039.38	8.41	0.18
04-พ.ย.-24 04:00:00	50.23	30.42	7.53	1,039.37	8.46	0.12

November-24

*Remark
Copy value to PI and record it as value.

Time	10GM840CF001XQ01.PV	10GM830CT001XQ01.PV	10GM830CQ001XQ01.PV	10GM830CQ002XQ01.PV	10GM830CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
04-พ.ย.-24 05:00:00	50.22	30.34	7.58	1,039.36	8.58	0.05
04-พ.ย.-24 06:00:00	50.46	30.29	7.47	1,039.35	7.87	0.02
04-พ.ย.-24 07:00:00	0.17	29.66	7.17	1,039.35	3.62	0.02
04-พ.ย.-24 08:00:00	0.16	29.05	7.09	1,039.34	3.26	0.02
04-พ.ย.-24 09:00:00	0.14	30.07	7.16	1,039.33	3.22	0.02
04-พ.ย.-24 10:00:00	0.13	33.07	7.25	1,039.32	3.11	0.02
04-พ.ย.-24 11:00:00	0.11	37.07	7.40	1,039.31	3.00	0.02
04-พ.ย.-24 12:00:00	0.10		7.59	1,039.29	2.89	0.02
04-พ.ย.-24 13:00:00	0.08		7.61	1,039.28	2.80	0.02
04-พ.ย.-24 14:00:00	0.07		7.67	1,039.26	2.79	0.02
04-พ.ย.-24 15:00:00	0.06		7.76	1,039.25	2.78	0.02
04-พ.ย.-24 16:00:00	0.06		7.81	1,039.24	2.76	0.02
04-พ.ย.-24 17:00:00	0.06	39.13	7.71	1,039.22	2.80	0.02
04-พ.ย.-24 18:00:00	0.06	37.45	7.48	1,039.21	2.91	0.02
04-พ.ย.-24 19:00:00	0.05	35.38	7.28	1,039.19	3.01	0.02
04-พ.ย.-24 20:00:00	0.05	33.77	7.20	1,039.17	3.12	0.01
04-พ.ย.-24 21:00:00	0.05	32.31	7.13	1,039.15	3.23	0.01
04-พ.ย.-24 22:00:00	0.05	31.18	7.57	1,039.14	6.06	0.02
04-พ.ย.-24 23:00:00	60.05	31.38	7.87	1,039.12	7.88	0.02
05-พ.ย.-24 00:00:00	50.89	31.23	7.94	1,039.10	8.27	0.03
05-พ.ย.-24 01:00:00	49.86	31.07	7.92	1,039.09	8.26	0.04
05-พ.ย.-24 02:00:00	50.06	30.91	7.90	1,039.09	8.27	0.05
05-พ.ย.-24 03:00:00	50.15	30.76	7.87	1,039.15	8.31	0.05
05-พ.ย.-24 04:00:00	50.49	30.60	7.83	1,039.20	8.36	0.06
05-พ.ย.-24 05:00:00	50.70	30.45	7.80	1,039.25	8.39	0.07
05-พ.ย.-24 06:00:00	50.79	30.29	7.77	1,039.30	8.39	0.07
05-พ.ย.-24 07:00:00	50.94	30.20	7.79	1,039.35	8.40	0.07
05-พ.ย.-24 08:00:00	50.78	30.17	7.85	1,039.41	8.55	0.07
05-พ.ย.-24 09:00:00	50.97	30.14	7.97	1,039.46	8.69	145.42
05-พ.ย.-24 10:00:00	0.11	31.36	7.67	1,039.46	3.16	120.70
05-พ.ย.-24 11:00:00	0.10	33.26	7.49	1,039.41	3.08	133.09
05-พ.ย.-24 12:00:00	0.09	36.72	7.56	1,039.36	3.00	129.03
05-พ.ย.-24 13:00:00	0.08	38.02	7.62	1,039.31	2.92	127.46
05-พ.ย.-24 14:00:00	0.07	38.30	7.62	1,039.26	2.91	129.13
05-พ.ย.-24 15:00:00	0.06	38.21	7.59	1,039.21	2.90	124.32
05-พ.ย.-24 16:00:00	0.05	36.85	7.48	1,039.16	2.91	118.29
05-พ.ย.-24 17:00:00	0.04	35.49	7.35	1,039.11	2.99	126.63
05-พ.ย.-24 18:00:00	0.04	34.09	7.22	1,039.11	3.07	127.43
05-พ.ย.-24 19:00:00	0.05	32.66	7.08	1,039.13	3.15	123.15
05-พ.ย.-24 20:00:00	0.06	31.38	7.03	1,039.16	3.23	129.53
05-พ.ย.-24 21:00:00	0.06	30.50	7.55	1,039.19	7.28	118.02
05-พ.ย.-24 22:00:00	50.57	30.86	7.64	1,039.21	7.89	124.95
05-พ.ย.-24 23:00:00	50.49	30.74	7.62	1,039.24	7.80	141.57
06-พ.ย.-24 00:00:00	49.86	30.62	7.63	1,039.27	7.72	124.80
06-พ.ย.-24 01:00:00	49.76	30.50	7.61	1,039.30	7.76	121.13
06-พ.ย.-24 02:00:00	50.10	30.38	7.60	1,039.30	7.94	150.27
06-พ.ย.-24 03:00:00	50.28	30.26	7.58	1,039.31	8.01	137.53
06-พ.ย.-24 04:00:00	50.54	30.14	7.57	1,039.31	8.03	157.56
06-พ.ย.-24 05:00:00	50.68	30.02	7.56	1,039.31	7.96	151.18
06-พ.ย.-24 06:00:00	50.84	29.80	7.54	1,039.31	7.98	117.34
06-พ.ย.-24 07:00:00	0.02	29.38	7.22	1,039.32	3.58	118.86
06-พ.ย.-24 08:00:00	0.02	29.36	7.21	1,039.32	3.28	131.22
06-พ.ย.-24 09:00:00	0.02	30.11	7.32	1,039.32	3.25	133.69
06-พ.ย.-24 10:00:00	0.03	29.02	7.16	1,039.32	3.22	125.03
06-พ.ย.-24 11:00:00	0.03	30.11	7.33	1,039.31	3.15	128.88
06-พ.ย.-24 12:00:00	0.03	33.89	7.53	1,039.31		

November-24

*Remark
Copy อนุหตร PI อนุหตรนัเน value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY us/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
07-พ.ด.-24 10:00:00	0.01	33.62	7.47	1.039.38	3.07	115.19
07-พ.ด.-24 11:00:00	0.02	37.38	7.66	1.039.36	2.95	118.93
07-พ.ด.-24 12:00:00	0.02		7.84	1.039.33	2.84	109.25
07-พ.ด.-24 13:00:00	0.02		7.83	1.039.30	2.83	123.01
07-พ.ด.-24 14:00:00	0.03		7.83	1.039.28	2.84	128.70
07-พ.ด.-24 15:00:00	0.03		7.86	1.039.25	2.82	110.71
07-พ.ด.-24 16:00:00	0.03	39.86	7.79	1.039.23	2.84	119.28
07-พ.ด.-24 17:00:00	0.03	38.58	7.68	1.039.24	2.92	122.06
07-พ.ด.-24 18:00:00	0.04	36.78	7.53	1.039.30	3.02	117.92
07-พ.ด.-24 19:00:00	0.05	34.63	7.35	1.039.35	3.11	79.03
07-พ.ด.-24 20:00:00	0.05	32.52	7.30	1.039.40	3.21	257.26
07-พ.ด.-24 21:00:00	0.06	30.56	7.89	1.039.45	8.06	257.29
07-พ.ด.-24 22:00:00	50.00	30.77	8.12	1.039.50	8.28	256.86
07-พ.ด.-24 23:00:00	49.28	30.61	8.02	1.039.55	7.35	256.96
08-พ.ด.-24 00:00:00	49.07	30.45	7.91	1.039.60	6.71	257.07
08-พ.ด.-24 01:00:00	49.03	30.29	7.81	1.039.57	6.24	256.99
08-พ.ด.-24 02:00:00	49.23	30.13	7.72	1.039.50	6.16	256.67
08-พ.ด.-24 03:00:00	49.72	29.98	7.64	1.039.43	6.46	256.83
08-พ.ด.-24 04:00:00	50.09	29.82	7.58	1.039.36	6.48	256.60
08-พ.ด.-24 05:00:00	50.18	29.66	7.53	1.039.29	6.65	257.04
08-พ.ด.-24 06:00:00	0.07	28.58	7.35	1.039.22	3.35	256.72
08-พ.ด.-24 07:00:00	0.065284543	27.64332008	7.360442638	1.039.15222	3.353910446	19.97212219
08-พ.ด.-24 08:00:00	0.064668536	27.35904503	7.412715675	1.039.082642	3.34637022	2.07175374
08-พ.ด.-24 09:00:00	0.064052537	28.68400192	7.503117561	1.039.108643	3.246986151	1.911272049
08-พ.ด.-24 10:00:00	0.063436538	32.07840729	7.650656765	1.039.149658	3.147601843	0.169677734
08-พ.ด.-24 11:00:00	0.062820531	35.57322311	7.967936516	1.039.190674	3.052485466	0.139770597
08-พ.ด.-24 12:00:00	0.062204532	39.06607819	8.120779037	1.039.231567	2.964315891	0.109863468
08-พ.ด.-24 13:00:00	0.061468344	39.59582901	8.17705876	1.039.27583	2.878751993	0.07995633
08-พ.ด.-24 14:00:00	0.05990139	39.2948761	8.202151299	1.039.313599	2.839961052	14.4831085
08-พ.ด.-24 15:00:00	0.05833444	38.29348073	8.29348073	1.039.354492	2.801170111	17.8999939
08-พ.ด.-24 16:00:00	0.056767486	38.15644073	8.185092926	1.039.394775	2.860812426	17.3750153
08-พ.ด.-24 17:00:00	0.055200536	36.47747803	8.11115456	1.039.359966	2.95906634	131.3432617
08-พ.ด.-24 18:00:00	0.053633582	34.79851151	8.037137032	1.039.397095	3.059000492	120.2301178
08-พ.ด.-24 19:00:00	0.052066632	33.1195488	7.95459795	1.039.398193	3.158094406	113.3139877
08-พ.ด.-24 20:00:00	0.050499678	31.4776783	7.866446018	1.039.399414	3.25718832	119.3573074
08-พ.ด.-24 21:00:00	0.048170377	30.12429237	7.661365032	1.039.400513	3.282716274	121.0661392
08-พ.ด.-24 22:00:00	50.83090591	30.2183075	7.834458351	1.039.401733	8.383111	166.8045897
08-พ.ด.-24 23:00:00	50.17483902	30.16847801	7.998383045	1.039.402832	8.331274986	143.010788
09-พ.ด.-24 00:00:00	49.96474838	29.99557114	8.023990631	1.039.397339	8.351519585	127.2999344
09-พ.ด.-24 01:00:00	49.96043777	29.82266235	8.011710167	1.039.359985	8.033355713	126.0016556
09-พ.ด.-24 02:00:00	50.24104309	29.64975357	7.94344902	1.039.322632	7.615326881	114.219574
09-พ.ด.-24 03:00:00	50.6544838	29.47684669	7.862620831	1.039.285278	7.765510559	124.672905
09-พ.ด.-24 04:00:00	50.69753265	29.30393791	7.781793118	1.039.247803	8.156329155	144.4103241
09-พ.ด.-24 05:00:00	50.85766983	29.13102913	7.700964928	1.039.210449	8.239562988	153.1189821
09-พ.ด.-24 06:00:00	0.037453368	28.79521942	7.501479626	1.039.173096	7.23910141	138.477356
09-พ.ด.-24 07:00:00	0.037857551	27.77845383	7.345430851	1.039.135742	3.441816092	125.0475159
09-พ.ด.-24 08:00:00	0.03826173	27.34286499	7.424993992	1.039.126831	3.345040798	122.3861389
09-พ.ด.-24 09:00:00	0.038665913	28.61779785	7.546282291	1.039.17627	3.248265266	118.89888
09-พ.ด.-24 10:00:00	0.039070096	32.4796524	7.667570591	1.039.225708	3.151489735	150.586171
09-พ.ด.-24 11:00:00	0.039474275	36.26956558	7.862360477	1.039.275269	3.037478685	116.1710739
09-พ.ด.-24 12:00:00	0.039878458	39.57555008	8.093215942	1.039.324707	2.915429115	125.9125977
09-พ.ด.-24 13:00:00	0.040282637	8.363407135		1.039.374146	2.793379307	116.9511185
09-พ.ด.-24 14:00:00	0.040452983			1.039.423706	2.77225399	122.3647079
09-พ.ด.-24 15:00:00	0.040169965			1.039.473145	2.754457951	120.7251968
09-พ.ด.-24 16:00:00	0.039886951			1.039.474976	2.736661911	126.0381165
09-พ.ด.-24 17:00:00	0.039603934	38.45022202	8.447422981	1.039.423462	2.825008869	124.2067642
09-พ.ด.-24 18:00:00	0.03932092	36.05039215	8.307800293	1.039.37207	2.975548267	129.4396515
09-พ.ด.-24 19:00:00	0.039037902	33.34943771	8.126929021	1.039.320557	3.126087427	117.8415222
09-พ.ด.-24 20:00:00	0.038754688	36.67258453	7.961210728	1.039.269043	3.276626587	116.3302689
09-พ.ด.-24 21:00:00	46.84552927	30.20065498	7.83325386	1.039.217529	7.094523089	116.0514231
09-พ.ด.-24 22:00:00	46.60545604	30.1207428	7.650768757	1.039.166136	8.287320927	111.2132355
09-พ.ด.-24 23:00:00	46.6343725	30.04083061	7.666900154	1.039.114624	8.387986412	128.6314872
10-พ.ด.-24 00:00:00	46.72516322	29.96091943	7.681270123	1.039.112427	8.138640709	114.3863255
10-พ.ด.-24 01:00:00	46.73398972	29.88240051	7.661485672	1.039.138983	8.4473904587	127.023438
10-พ.ด.-24 02:00:00	46.15781784	29.80884361	7.622741699	1.039.167236	8.517903328	120.8434601
10-พ.ด.-24 03:00:00	46.33808136	29.73528671	7.58671999	1.039.194958	8.531891823	133.6076508
10-พ.ด.-24 04:00:00	49.4299202	29.66177291	7.5926172791	1.039.221924	8.540489197	142.2001801
10-พ.ด.-24 05:00:00	46.57686996	29.58817101	7.561968803	1.039.24939	8.503662109	135.0558167
10-พ.ด.-24 06:00:00	46.68640518	29.50459862	7.531276226	1.039.276733	8.504434586	141.0120621
10-พ.ด.-24 07:00:00	49.70163727	29.20567513	7.500583172	1.039.304077	8.456372261	133.1652679
10-พ.ด.-24 08:00:00	0.197855622	28.90675163	7.387709618	1.039.317383	3.532278776	137.9808698
10-พ.ด.-24 09:00:00	0.177790642	29.96506882	7.456321239	1.039.32666	3.25584478	174.8554382
10-พ.ด.-24 10:00:00	0.157725647	33.50652313	7.570128441	1.039.335938	3.164427996	117.2320938
10-พ.ด.-24 11:00:00	0.137660667	37.28800583	7.817141533	1.039.345215	2.989867687	125.3645251
10-พ.ด.-24 12:00:00	0.11759568	7.952125549	7.82787653	1.039.354492	122.3849564	
10-พ.ด.-24 13:00:00	0.097530693	8.087109566		1.039.363892	2.78700304	0.038160522
10-พ.ด.-24 14:00:00	0.077465706	8.199902534		1.039.373169	2.72509861	0.028073661

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	CONDUCTIVITY	mg/L	T/HR
10-พ.ค.-24 15:00:00	0.057400722		8.212418556	1039.382446	2.718050003	0.017986797
10-พ.ค.-24 16:00:00	0.048502244		8.092916489	1039.369995	2.72725153	0.007899934
10-พ.ค.-24 17:00:00	0.046423513	39.91670227	7.961420536	1039.356201	2.8228302	-0.002186928
10-พ.ค.-24 18:00:00	0.044344783	37.72638321	7.729642868	1039.342285	2.933246374	-0.01227379
10-พ.ค.-24 19:00:00	0.042266052	35.24330521	7.491732121	1039.328369	3.079219818	-0.022360653
10-พ.ค.-24 20:00:00	0.040187322	32.76945114	7.349551678	1039.314453	3.225193024	-0.032447517
10-พ.ค.-24 21:00:00	0.038108591	30.21240997	7.42416811	1039.300537	7.791625977	-0.029504335
10-พ.ค.-24 22:00:00	0.036029857	30.40944862	7.725476265	1039.286621	7.808210373	-0.025440957
11-พ.ค.-24 23:00:00	46.50071335	30.26819038	7.51985693	1039.275391	8.131930351	-0.021377578
11-พ.ค.-24 00:00:00	46.74456406	30.12693214	7.500499249	1039.292236	8.338552475	-0.017314201
11-พ.ค.-24 01:00:00	48.97793579	29.9856739	7.504156113	1039.309082	8.139961243	-0.013250824
11-พ.ค.-24 02:00:00	49.07450867	29.84441376	7.460549831	1039.325928	8.220277786	-0.009187447
11-พ.ค.-24 03:00:00	49.29546356	29.70315552	7.41694355	1039.342773	8.259802818	-0.005124069
11-พ.ค.-24 04:00:00	48.63338089	29.56189728	7.37336792	1039.359619	8.278413773	-0.001768888
11-พ.ค.-24 05:00:00	48.90283966	29.42063713	7.339711666	1039.376465	8.261422157	-0.006975331
11-พ.ค.-24 06:00:00	48.92035675	29.30165863	7.365206242	1039.393311	8.297878265	-0.012181775
11-พ.ค.-24 07:00:00	51.11923599	29.18873978	7.390700817	1039.396851	8.15913105	-0.017388219
11-พ.ค.-24 08:00:00	51.04704285	29.07582283	7.416195869	1039.359497	7.66989994	-0.022594662
11-พ.ค.-24 09:00:00	0.089984789	30.3572464	7.323549271	1039.322144	3.235791922	-0.027801106
11-พ.ค.-24 10:00:00	0.085389622	34.01852798	7.426383018	1039.28479	3.108300686	-0.033007551
11-พ.ค.-24 11:00:00	0.080794461	37.76262665	7.595916271	1039.247347	2.964371443	-0.038213994
11-พ.ค.-24 12:00:00	0.076199293	30.12693214	7.076199293	1039.210083	2.839555025	-0.04132799
11-พ.ค.-24 13:00:00	0.071604125	7.815579891	1039.172729	2.764266253	-0.037866661	
11-พ.ค.-24 14:00:00	0.067008957	7.967917442	1039.135376	2.710567951	-0.033660524	
11-พ.ค.-24 15:00:00	0.062413793	8.07509613	1039.11816	2.656869411	-0.029834386	
11-พ.ค.-24 16:00:00	0.057828378	8.110054016	1039.109497	2.683024168	-0.02608246	
11-พ.ค.-24 17:00:00	0.054635201	7.996841131	1039.107178	2.733911037	-0.022182109	
11-พ.ค.-24 18:00:00	0.051442027	38.12837601	7.804800034	1039.104858	2.867569447	-0.018355971
11-พ.ค.-24 19:00:00	0.04824885	35.73363495	7.50063578	1039.102417	3.001227856	-0.014529834
11-พ.ค.-24 20:00:00	0.045055673	33.61746216	7.323760509	1039.100098	3.134886265	-0.01059662
11-พ.ค.-24 21:00:00	0.041862499	31.52162552	7.174294472	1039.097778	3.265483856	-0.0091682281
11-พ.ค.-24 22:00:00	0.038669322	30.69460678	7.357913971	1039.095459	3.219694374	-0.00865744
11-พ.ค.-24 23:00:00	49.01452255	30.97688866	7.9167099	1039.108521	8.510745049	-0.028677063
11-พ.ค.-24 00:00:00	48.78329849	30.95284081	7.914196014	1039.134399	8.538713445	-0.0289195023
11-พ.ค.-24 01:00:00	48.5194664	30.83043098	7.88921975	1039.1604	8.517805909	-0.028611157
11-พ.ค.-24 02:00:00	48.60520172	30.70802307	7.875018567	1039.186401	8.836643219	-0.02863167
11-พ.ค.-24 03:00:00	49.0555594	30.58561325	7.894319057	1039.212402	8.886540413	-0.028614875
11-พ.ค.-24 04:00:00	49.2058848	30.46320343	7.85628863	1039.238403	9.981196404	-0.028617059
11-พ.ค.-24 05:00:00	49.61284256	30.34079552	7.88849923	1039.264282	9.12566377	-0.028619834
11-พ.ค.-24 06:00:00	50.2746954	30.2183857	7.869296146	1039.290283	9.17857933	-0.028620655
11-พ.ค.-24 07:00:00	50.5200267	30.0897588	7.854717731	1039.307007	9.131240027	-0.02862304
11-พ.ค.-24 08:00:00	51.39178085	30.16547394	7.89205211	1039.319702	9.249500275	-0.028624379
11-พ.ค.-24 09:00:00	51.56363862	30.30680466	7.953744888	1039.332397	9.268826485	-0.028626402
11-พ.ค.-24 10:00:00	51.32801056	30.67147636	8.019600088	1039.345093	9.298143387	-0.028627962
11-พ.ค.-24 11:00:00	0.193508387	31.42178535	8.077033043	1039.357788	8.441374779	-0.028629282
11-พ.ค.-24 12:00:00	0.172546729	37.14159775	7.725941658	1039.370483	3.018363476	-0.028634403
11-พ.ค.-24 13:00:00	0.151585072		7.775390148	1039.383179	2.784961462	-0.0286312144
11-พ.ค.-24 14:00:00	0.130623415		7.976330757	1039.395752	2.72012935	-0.0286357245
11-พ.ค.-24 15:00:00	0.109661765		7.957360744	1039.401723	2.700477362	-0.028636852
11-พ.ค.-24 16:00:00	0.088700116		7.962813377	1039.406494	2.712210178	-0.028639475
11-พ.ค.-24 17:00:00	0.067738459	39.40230942	7.932724953	1039.411255	2.767174482	-0.0286425369
11-พ.ค.-24 18:00:00	0.046776805	37.63950348	7.792324314	1039.416016	3.004036361	-0.028642408
11-พ.ค.-24 19:00:00	0.030684795	35.45109177	7.543978691	1039.420776	2.920266077	-0.0286405967
11-พ.ค.-24 20:00:00	0.032054368	30.78712654	8.002543449	1039.425537	9.687969208	-0.02864259735
11-พ.ค.-24 21:00:00	0.033423983	30.67616463	8.25674242	1039.430298	8.470124245	-0.0286417091568
11-พ.ค.-24 22:00:00	0.034793556	30.56520271	7.816222668	1039.435059	9.502351761	-0.02864293906
11-พ.ค.-24 23:00:00	48.95753479	30.4542408	7.794085979	1039.399048	9.317869186	-0.02864395683
11-พ.ค.-24 00:00:00	48.45159531	30.34327888	7.76534462	1039.363037	9.281561852	-0.0286469104
11-พ.ค.-24 01:00:00	49.40261459	30.23231697	7.719312668	1039.327026	9.215653419	-0.02864716514
11-พ.ค.-24 02:00:00	49.61003876	30.12135506	7.673287016	1039.291016	9.150644332	-0.028647006692
11-พ.ค.-24 03:00:00	49.75717545	30.01039314	7.675466061	1039.255005	9.13609314	-0.02864934015
11-พ.ค.-24 04:00:00	50.05501175	29.90644836	7.61235857	1039.218994	9.130619049	-0.028647653427
11-พ.ค.-24 05:00:00	50.20917571	29.8278656	7.561682701	1039.182983	9.176237106	-0.028647283936
11-พ.ค.-24 06:00:00	50.81868362	29.74928474	7.540321669	1039.153198	9.211235046	-0.0286448471985
11-พ.ค.-24 07:00:00	50.41952133	29.67070389	7.524381161	1039.158691	9.058556557	-0.02864651672
11-พ.ค.-24 08:00:00	50.557621	29.59212303	7.581847668	1039.164307	9.075510979	-0.02864581555
11-พ.ค.-24 09:00:00	0.070723705	30.89972496	7.437178135	1039.169922	3.178885899	-0.028646708949
11-พ.ค.-24 10:00:00	0.068573564	34.55108261	7.350818634	1039.175415	3.146255493	-0.0286451564
11-พ.ค.-24 11:00:00	0.066423424	37.05951462	7.570951462	1039.18103	2.966934919	-0.0286463354
11-พ.ค.-24 12:00:00	0.064273275	7.70948868	1039.186523	2.811084032	-0.0286459698	
11-พ.ค.-24 13:00:00	0.062123135	7.8875947	1039.192139	2.766946077	-0.028647019424	
11-พ.ค.-24 14:00:00	0.059972994	7.953642845	1039.201416	2.722807884	-0.02864690613	
11-พ.ค.-24 15:00:00	0.057822853	7.983982086	1039.219238	2.67866993	-0.0286481382	
11-พ.ค.-24 16:00:00	0.055672709	7.992164135	1039.237061	2.679203033	-0.0286461896	
11-พ.ค.-24 17:00:00	0.057379857	7.877306938	1039.255005	2.763891697	-0.0286483855	
11-พ.ค.-24 18:00:00	0.059843116	38.91635513	7.727557659	1039.272827	2.877540112	-0.029026031
11-พ.ค.-24 19:00:00	0.062306378	36.45698929	7.527286617	1039.290649	2.990723077	-0.0286486922

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
13-н.н.-24 20:00:00	0.064769641	34.14478683	7.336240768	1039.308472	3.135602951	129.885376
13-н.н.-24 21:00:00	46.46531296	31.23765755	7.68896246	1039.326294	7.317695141	137.932129
13-н.н.-24 22:00:00	46.60707474	31.47093964	7.785126209	1039.337524	7.625699043	120.2568283
13-н.н.-24 23:00:00	46.93344879	31.46218681	7.794505596	1039.340576	7.817414761	99.11655426
14-н.н.-24 00:00:00	46.24633244	31.45343399	7.803848506	1039.343628	8.084991455	131.158371
14-н.н.-24 01:00:00	46.48169327	31.42200851	7.79980664	1039.346802	8.351078033	174.319593
14-н.н.-24 02:00:00	50.05015945	31.31723404	7.780639172	1039.349854	8.510142326	153.496048
14-н.н.-24 03:00:00	50.05860519	31.21245766	7.76129818	1039.352905	8.612900734	160.5960388
14-н.н.-24 04:00:00	50.18239212	31.10768127	7.749465466	1039.356079	8.796169281	118.0327911
14-н.н.-24 05:00:00	50.23011398	31.00290489	7.743604183	1039.359131	8.893162727	143.1389618
14-н.н.-24 06:00:00	50.41127396	30.89813042	7.734158993	1039.360107	8.828542709	155.7200775
14-н.н.-24 07:00:00	46.47936249	30.72712517	7.724714279	1039.359619	9.013795853	157.5550079
14-н.н.-24 08:00:00	46.92104721	30.936203	7.751260757	1039.359253	8.798847198	167.1037892
14-н.н.-24 09:00:00	46.86598206	31.27516556	7.796257496	1039.358765	8.774959564	170.6699066
14-н.н.-24 10:00:00	0.061673973	34.26060486	7.635538101	1039.358398	3.721151829	163.8018341
14-н.н.-24 11:00:00	0.056344599	37.23564529	7.774436951	1039.35791	2.929432869	108.3576126
14-н.н.-24 12:00:00	0.051015224	31.36943245	8.087328911	1039.357422	6.943306923	113.4631805
14-н.н.-24 13:00:00	0.04568585	34.43996048	7.707945824	1039.357056	2.891466618	115.711525
14-н.н.-24 14:00:00	0.040356472	32.93828964	7.700124741	1039.362549	3.153341055	117.3283005
14-н.н.-24 15:00:00	0.035027098	33.91084087	7.52504015	1039.369955	148.4944305	149.4944305
14-н.н.-24 16:00:00	0.029697724	34.60398483	7.53619957	1039.373719	2.974367857	151.3084526
14-н.н.-24 17:00:00	0.024368349	33.69045258	7.446585655	1039.384766	3.104733467	146.5029449
14-н.н.-24 18:00:00	0.03003519	32.57020569	7.320328236	1039.392212	3.172411203	144.3705902
14-н.н.-24 19:00:00	0.037496317	31.45796394	7.194071293	1039.399536	3.20425272	117.661573
14-н.н.-24 20:00:00	0.044957444	31.1066761	7.359415531	1039.406982	7.285186291	133.8076538
14-н.н.-24 21:00:00	46.5648364	31.64167786	8.274183273	1039.414307	130.6963654	130.6963654
14-н.н.-24 22:00:00	50.01488876	31.77139854	7.828724861	1039.398682	8.535391808	122.0425568
14-н.н.-24 23:00:00	50.00395584	31.72643661	7.843945503	1039.380737	8.582076073	125.140625
15-н.н.-24 00:00:00	50.14516449	31.68147659	7.854803085	1039.362671	8.641968727	116.2345123
15-н.н.-24 01:00:00	50.45570374	31.63651567	7.83823061	1039.344727	8.683861732	162.2169495
15-н.н.-24 02:00:00	50.67599487	31.59155464	7.812171438	1039.32666	8.677548409	150.3299713
15-н.н.-24 03:00:00	50.89463425	31.54659261	7.787203789	1039.308716	8.740949631	149.8470154
15-н.н.-24 04:00:00	51.01318741	31.5016346	7.774288654	1039.290649	8.634252548	144.1178741
15-н.н.-24 05:00:00	51.10915375	31.45667267	7.783931732	1039.274048	8.368542671	140.9560303
15-н.н.-24 06:00:00	51.13016129	31.44898796	7.79357481	1039.281372	8.365579605	155.683905
15-н.н.-24 07:00:00	49.9080162	31.46366882	7.803217888	1039.288696	8.011421204	156.8821259
15-н.н.-24 08:00:00	46.9464981	31.47834969	7.867712975	1039.296021	7.533786774	155.174854
15-н.н.-24 09:00:00	46.99584198	31.49302864	7.95762825	1039.303345	7.835133076	139.8085632
15-н.н.-24 10:00:00	50.61764908	31.83072281	8.004471741	1039.310669	7.91882658	118.5797424
15-н.н.-24 11:00:00	0.052865572	33.9564743	7.948811642	1039.317993	3.132311583	119.2493362
15-н.н.-24 12:00:00	0.051332153	35.8065567	7.867869377	1039.325317	2.941216707	164.8880157
15-н.н.-24 13:00:00	0.049798734	37.1374321	7.876977444	1039.322998	2.878557444	123.705339
15-н.н.-24 14:00:00	0.048265316	37.90417862	7.886706352	1039.284302	2.851690769	138.1105957
15-н.н.-24 15:00:00	0.046731897	37.8949585	7.896435738	1039.245483	2.857753515	137.8411224
15-н.н.-24 16:00:00	0.045198478	37.02854156	7.809170723	1039.206787	2.963120461	120.4636688
15-н.н.-24 17:00:00	0.043665059	35.09189224	7.67120266	1039.167969	3.091409922	116.0627711
15-н.н.-24 18:00:00	0.042131164	33.19881821	7.477951527	1039.129272	3.177229166	108.7144089
15-н.н.-24 19:00:00	0.030663295	31.55073547	7.334527969	1039.090576	3.263048649	115.362793
15-н.н.-24 20:00:00	0.018867191	30.39115715	7.241739273	1039.051758	3.266494751	126.5321579
15-н.н.-24 21:00:00	50.27696228	31.34489059	7.606519222	1039.041992	7.505591393	130.0977478
15-н.н.-24 22:00:00	46.97455215	31.3105545	7.623674393	1039.084229	7.603319645	128.4909973
15-н.н.-24 23:00:00	46.61468887	31.27621841	7.584218979	1039.126587	7.650662422	106.8821335
16-н.н.-24 00:00:00	46.94565964	31.24188042	7.544764042	1039.168945	7.64764452	114.9635468
16-н.н.-24 01:00:00	50.2677536	31.20754433	7.505308628	1039.211182	7.449739456	100.2266998
16-н.н.-24 02:00:00	50.61585236	31.17320824	7.465853214	1039.25354	7.450876236	122.0770035
16-н.н.-24 03:00:00	46.84708405	31.13887215	7.426398277	1039.295776	7.177491188	114.869072
16-н.н.-24 04:00:00	50.91311646	31.10453415	7.411218643	1039.338135	7.386581898	123.9556122
16-н.н.-24 05:00:00	50.85705185	31.0929985	7.398245811	1039.358398	7.379254818	128.1185608
16-н.н.-24 06:00:00	50.95582199	31.08501434	7.385273457	1039.357422	7.051767345	138.048233
16-н.н.-24 07:00:00	51.07906342	31.07702827	7.372300625	1039.356445	7.073377132	145.8880992
16-н.н.-24 08:00:00	51.18289566	31.06904221	7.416577816	1039.355347	6.635932922	125.3169556
16-н.н.-24 09:00:00	51.18463135	31.10363197	7.466060162	1039.354827	6.669498973	115.0895386
16-н.н.-24 10:00:00	51.6092483	31.40218163	7.52338565	1039.353394	6.555233029	126.4861151
16-н.н.-24 11:00:00	51.50595856	31.70073318	7.693423271	1039.352417	6.345765591	119.0478745
16-н.н.-24 12:00:00	51.53585052	31.99928284	7.857460976	1039.35144	6.683327675	191.7326126
16-н.н.-24 13:00:00	0.109134413	36.27544403	7.885428429	1039.354492	2.798284531	112.4918671
16-н.н.-24 14:00:00	0.096855536	39.19221497	7.8031467438	1039.359497	2.683704376	125.413795
16-н.н.-24 15:00:00	0.084576651	38.096076012	7.696389923	1039.346424	2.686389923	137.5284271
16-н.н.-24 16:00:00	0.072297767	38.13459631	7.710449219	1039.369751	2.710449219	124.9677124
16-н.н.-24 17:00:00	0.06001889	39.75008774	8.026596069	1039.374878	2.763130665	118.6789322
16-н.н.-24 18:00:00	0.047740005	32.31598282	7.942693233	1039.380055	6.262287617	136.8117261
16-н.н.-24 19:00:00	46.09227794	32.4489212	7.994077206	1039.38501	8.482209206	117.3051758
16-н.н.-24 20:00:00	46.91530991	32.59474564	8.036859313	1039.390137	8.307600021	138.3283386
16-н.н.-24 21:00:00	46.32151031	32.51443863	7.978289604	1039.357788	8.541862488	121.509697
16-н.н.-24 22:00:00	46.44393539	32.43411362	7.845680237	1039.316772	8.204050064	113.782707
16-н.н.-24 23:00:00	46.72557068	32.35382462	7.752636433	1039.275757	7.916259289	127.377073
17-н.н.-24 00:00:00	46.84473038	32.27351379	7.726686001	1039.234741	7.982078075	117.2519302

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*Remark
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	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
Time	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
17-н.н.-24 01:00:00	46.12166214	32.19320679	7.700735569	1039.193848	7.438085079	118.2555923
17-н.н.-24 02:00:00	46.31688309	32.11289978	7.674785137	1039.1289978	7.494191177	117.2886658
17-н.н.-24 03:00:00	46.20653915	32.03258896	7.650663335	1039.111816	7.237246513	117.5855713
17-н.н.-24 04:00:00	46.41963196	31.96032524	7.533493042	1039.070801	7.587100983	137.842499
17-н.н.-24 05:00:00	46.64284515	31.90682411	7.283015251	1039.067017	7.360901988	115.3254776
17-н.н.-24 06:00:00	49.5072403	31.85332489	7.15982008	1039.064453	7.307596207	138.3477173
17-н.н.-24 07:00:00	46.60746765	31.79982567	7.130639553	1039.062012	7.389464378	119.4568787
17-н.н.-24 08:00:00	46.75324249	31.74632454	7.164132595	1039.05957	7.166902542	122.0470123
17-н.н.-24 09:00:00	46.95231628	31.69282532	7.251863003	1039.057129	7.187476158	118.3440399
17-н.н.-24 10:00:00	50.01502991	31.63932419	7.226576805	1039.054688	7.244982243	74.54103088
17-н.н.-24 11:00:00	0.079249606	32.72756958	7.315815926	1039.052246	4.326670647	173.0720367
17-н.н.-24 12:00:00	0.048979886	34.49587631	7.484003067	1039.056274	2.964646816	115.8813934
17-н.н.-24 13:00:00	0.018710166	35.93729782	7.598817825	1039.11145	2.880687714	128.5474091
17-н.н.-24 14:00:00	0.011559551	39.49348068	7.810117245	1039.166504	2.797032833	125.9474335
17-н.н.-24 15:00:00	-0.052562088	34.18232346	7.653790951	1039.221558	2.899853468	120.4841156
17-н.н.-24 16:00:00	-0.037326351	31.84197426	7.32437706	1039.276733	3.137616873	118.7140579
17-н.н.-24 17:00:00	-0.022090614	30.44049644	7.261705875	1039.331787	3.198646069	110.4783554
17-н.н.-24 18:00:00	-0.006854877	29.0787487	7.199034214	1039.386841	2.967575503	136.8232147
17-н.н.-24 19:00:00	0.00838086	28.00455856	7.179433823	1039.441895	3.320704699	124.4889755
17-н.н.-24 20:00:00	0.023616597	27.17009163	7.175614149	1039.474976	3.329719543	120.3428995
17-н.н.-24 21:00:00	0.038852334	32.10684586	7.146454227	1039.446655	6.75301218	110.8370289
17-н.н.-24 22:00:00	48.11117249	32.10853958	7.010446461	1039.418335	6.642122746	128.2143936
17-н.н.-24 23:00:00	46.26834106	32.02251053	7.002980779	1039.390137	6.275612831	116.7454376
17-н.н.-24 00:00:00	48.1364212	31.89207077	6.995516709	1039.361816	6.255088329	6.18109898
18-н.н.-24 01:00:00	48.84221268	31.7616272	6.988052845	1039.333496	5.937846184	114.5831222
18-н.н.-24 02:00:00	49.12726212	31.63118553	6.980588913	1039.305298	5.778264046	121.0241169
18-н.н.-24 03:00:00	49.4173851	31.50074387	6.973125458	1039.276978	5.565638065	116.2526322
18-н.н.-24 04:00:00	46.59048843	31.70300229	6.965661526	1039.260132	5.739723682	112.6935507
18-н.н.-24 05:00:00	48.84183121	31.23985863	6.958197594	1039.259277	5.463614464	106.7110907
18-н.н.-24 06:00:00	49.6812706	31.0941696	6.978591919	1039.258423	5.338731766	116.0424422
18-н.н.-24 07:00:00	48.86554337	30.9201622	7.015602112	1039.257568	5.304719448	135.6727753
18-н.н.-24 08:00:00	49.99425888	30.71745872	7.085553169	1039.256836	5.332983017	126.818481
18-н.н.-24 09:00:00	50.00206757	30.68860626	7.21858263	1039.255981	5.201761246	116.4641131
18-н.н.-24 10:00:00	50.07965927	31.04469681	7.351611614	1039.255127	5.192458153	128.7615662
18-н.н.-24 11:00:00	0.049826909	35.41300201	7.54778862	1039.254272	3.037431717	0.368025519
18-н.н.-24 12:00:00	0.046761326	38.07529831	7.739369869	1039.260376	2.950657368	0.319398199
18-н.н.-24 13:00:00	0.043695744	38.63113022	7.845832825	1039.271729	2.905685663	0.270770775
18-н.н.-24 14:00:00	0.040630165	39.32857153	7.949409962	1039.283081	2.904921293	0.222143728
18-н.н.-24 15:00:00	0.037564583	39.6165657	8.035464287	1039.294434	2.90370965	0.173515812
18-н.н.-24 16:00:00	0.034949001	39.39073944	8.103096048	1039.305786	2.881475449	0.124888361
18-н.н.-24 17:00:00	0.031433418	38.1286087	8.095202446	1039.317139	2.916860819	0.076260995
18-н.н.-24 18:00:00	0.028367836	36.15430832	7.988583686	1039.324843	3.029398488	0.02733333
18-н.н.-24 19:00:00	0.029861411	33.94057746	7.837359428	1039.338844	3.283108711	0.024941477
18-н.н.-24 20:00:00	0.049127188	31.85498199	7.688854604	1039.353271	3.14643507	0.024123805
18-н.н.-24 21:00:00	48.8424164	31.7046613	7.355907001	1039.367432	8.997529903	0.023984633
18-н.н.-24 22:00:00	48.14112854	31.24771175	7.309483528	1039.381592	9.21600914	0.023731219
18-н.н.-24 23:00:00	48.15346909	31.1401604	7.210869015	1039.395752	9.044583321	0.023477799
18-н.н.-24 00:00:00	48.68327713	31.02529092	7.208426952	1039.410034	8.780432701	0.023224376
19-н.н.-24 01:00:00	46.19639969	30.916502	7.20599699	1039.421494	8.349057198	0.022970950
19-н.н.-24 02:00:00	49.3615303	30.80774689	7.214891911	1039.438354	8.017483711	0.022771334
19-н.н.-24 03:00:00	48.55209732	30.68989887	7.23665905	1039.452515	7.495829582	0.023113804
19-н.н.-24 04:00:00	49.7733078	30.59023476	7.258425713	1039.446899	7.363844943	0.023456275
19-н.н.-24 05:00:00	48.92845154	30.48147774	7.280192375	1039.438354	7.343144894	0.023798745
19-н.н.-24 06:00:00	50.04774475	30.22697578	7.301959038	1039.429688	7.312847614	0.024124121
19-н.н.-24 07:00:00	-0.099906079	29.75174522	7.327604771	1039.421143	6.172395229	0.02483684
19-н.н.-24 08:00:00	-0.079969078	28.97443199	7.376750946	1039.412598	3.402430296	0.024826154
19-н.н.-24 09:00:00	-0.060032077	29.63592148	7.475680351	1039.404053	3.265078783	0.025168623
19-н.н.-24 10:00:00	-0.040095076	30.06945419	7.599657536	1039.395508	3.127727277	0.02466315
19-н.н.-24 11:00:00	-0.020158073	37.17411041	7.790882111	1039.386712	2.905521631	0.021497022
19-н.н.-24 12:00:00	-0.000221071		7.982381344	1039.37207	2.861455202	0.018330899
19-н.н.-24 13:00:00	0.019715931		8.092194557	1039.3573	2.817389011	0.015164768
19-н.н.-24 14:00:00	0.039652932		8.199372292	1039.342529	2.773228221	0.011998641
19-н.н.-24 15:00:00	0.048220765		8.285161018	1039.327759	2.764155626	0.008832515
19-н.н.-24 16:00:00	0.047167968		8.370950699	1039.312988	2.774714447	0.005663688
19-н.н.-24 17:00:00	0.046115175	39.33089447	8.293292046	1039.29834	2.852156878	0.002500261
19-н.н.-24 18:00:00	0.045062378	37.35124207	8.189014435	1039.283569	2.990788698	0.002343899
19-н.н.-24 19:00:00	0.044009585	35.36968613	8.04643631	1039.271362	3.129420757	0.006080184
19-н.н.-24 20:00:00	0.042956788	31.16192436	7.890316486	1039.27124	3.275310516	0.011272477
19-н.н.-24 21:00:00	48.84106064	31.30544662	7.377131939	1039.27124	4.834115505	0.015736766
19-н.н.-24 22:00:00	49.20385742	31.32438278	7.152121626	1039.271118	4.686415672	0.020201052
19-н.н.-24 23:00:00	48.8143868	31.14259911	7.16153574	1039.270996	4.580236435	0.024665341
20-н.н.-24 00:00:00	48.68550491	30.96081543	7.149095058	1039.270996	4.64765501	0.021929632
20-н.н.-24 01:00:00	48.59209444	30.77903175	7.1366539	1039.270874	4.64043808	0.039359915
20-н.н.-24 02:00:00	46.26360321	30.59724808	7.124213219	1039.270752	7.421712399	0.03456492
20-н.н.-24 03:00:00	46.34629822	30.41546444	7.11177206	1039.273071	7.72369957	0.032629225
20-н.н.-24 04:00:00	46.60622787	30.23368073	7.099330923	1039.280273	7.70367384	0.030693535
20-н.н.-24 05:00:00	46.74138641	30.05189705	7.10450983	1039.287476	7.656516972	0.028757842

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*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
20-Nov-24 06:00:00	46.74344254	29.8230114	7.125807762	1039.294678	7.284272573	0.026822148
20-Nov-24 07:00:00	46.64728928	29.56845099	7.145010471	1039.30188	7.047010422	0.024886455
20-Nov-24 08:00:00	-0.035003766	29.31389046	7.162637234	1039.30896	5.324350357	0.022950763
20-Nov-24 09:00:00	-0.024539802	29.77597618	7.125592232	1039.31612	3.298669695	0.02101507
20-Nov-24 10:00:00	-0.01407584	32.71681213	7.249124527	1039.32364	3.1479671	0.015766576
20-Nov-24 11:00:00	-0.003611876	36.58142853	7.413171768	1039.321899	2.995208502	0.009060502
20-Nov-24 12:00:00	0.006852087	38.80584717	7.561814308	1039.310913	2.949486494	0.0276031
20-Nov-24 13:00:00	0.017316049	39.29418182	7.614923954	1039.299927	2.920874357	0.079034882
20-Nov-24 14:00:00	0.027780013	39.92326736	7.668031123	1039.288818	2.891663074	0.126.8411331
20-Nov-24 15:00:00	0.038243975	39.75659943	7.662098408	1039.277832	2.859163761	0.139.5528412
20-Nov-24 16:00:00	0.046044767	39.09722137	7.610239506	1039.266846	2.927247763	0.138.0833588
20-Nov-24 17:00:00	0.046362668	37.51577377	7.55406332	1039.255859	3.03415823	0.130.6051788
20-Nov-24 18:00:00	0.046680573	35.78841019	7.391194344	1039.244751	3.148149252	0.118.2948837
20-Nov-24 19:00:00	0.046998478	33.87023163	7.223745823	1039.246094	3.228458166	0.138.572052
20-Nov-24 20:00:00	0.047316384	31.95205307	7.051508904	1039.254639	3.303832531	0.120.1244507
20-Nov-24 21:00:00	0.047634285	30.38239098	7.070135593	1039.263184	3.617083788	0.121.7819748
20-Nov-24 22:00:00	50.32905579	30.98416901	7.389213562	1039.271729	8.039141655	0.124.1834717
20-Nov-24 23:00:00	46.47712708	30.94996995	7.528605461	1039.280273	8.278733253	0.126.5784302
21-Nov-24 00:00:00	46.33428955	30.91582489	7.609562874	1039.288818	9.182514191	0.139.5603943
21-Nov-24 01:00:00	46.45500946	30.88165092	7.634110451	1039.297485	9.633929253	0.167.5451965
21-Nov-24 02:00:00	49.92366791	30.80624199	7.568657551	1039.30603	9.64583683	0.166.9958954
21-Nov-24 03:00:00	50.10071564	30.68264008	7.566534195	1039.304443	9.63653183	0.162.0542755
21-Nov-24 04:00:00	50.43481827	30.55903625	7.627590179	1039.300171	9.429289818	0.155.9874725
21-Nov-24 05:00:00	50.38557053	30.43543243	7.598645687	1039.295898	9.50688553	0.158.007309
21-Nov-24 06:00:00	50.52207565	30.31183052	7.569701672	1039.291626	9.412322044	0.123.137291
21-Nov-24 07:00:00	51.0647316	30.18827627	7.557178497	1039.287231	8.990628242	0.115.699028
21-Nov-24 08:00:00	51.18597031	30.06462288	7.613294125	1039.282959	9.43937397	0.123.8984833
21-Nov-24 09:00:00	51.27814102	30.15952873	7.669409275	1039.278687	9.405621529	0.120.2704773
21-Nov-24 10:00:00	51.26816177	30.52452087	7.740303516	1039.274292	8.043451309	0.122.7315979
21-Nov-24 11:00:00	-0.002238592	34.39175034	7.797887802	1039.282837	3.585543156	0.117.7594299
21-Nov-24 12:00:00	0.003324064	37.86612701	7.810419083	1039.292236	2.924033165	0.117.5871429
21-Nov-24 13:00:00	0.00888672	39.26289368	7.85910511	1039.301636	2.864380598	0.127.5655975
21-Nov-24 14:00:00	0.01449376	39.790790661	7.907790661	1039.311157	2.842611313	0.131.2870636
21-Nov-24 15:00:00	0.020012032	37.8881917	7.8881917	1039.320557	2.810348511	0.125.5147629
21-Nov-24 16:00:00	0.025574688	38.93425369	7.87321043	1039.329956	2.833983183	0.124.037698
21-Nov-24 17:00:00	0.031137343	37.67111588	7.838159561	1039.339355	2.956403494	0.168.7369832
21-Nov-24 18:00:00	0.036699999	35.92066956	7.683199406	1039.352173	3.098390579	0.113.2080688
21-Nov-24 19:00:00	0.039062191	34.17022705	7.4737854	1039.40271	3.218946457	0.138.6348877
21-Nov-24 20:00:00	0.040841058	32.41978073	7.265934467	1039.453247	3.333590746	0.118.0856476
21-Nov-24 21:00:00	0.042619929	30.41628075	7.360637426	890.1691284	3.253953218	0.141.1119995
21-Nov-24 22:00:00	46.59077835	30.42315674	7.541198254	854.8707275	5.042830944	0.156.7083844
21-Nov-24 23:00:00	46.2960364	30.43003273	7.532313403	845.5145874	5.378022671	0.115.656601
22-Nov-24 00:00:00	48.87483215	30.43690872	7.519799232	845.8103638	5.76530695	0.134.459549
22-Nov-24 01:00:00	46.26009369	30.35352516	7.50752306	846.1061401	5.831708908	0.144.8984985
22-Nov-24 02:00:00	49.9233551	30.24267006	7.490411758	846.4019165	5.872262955	0.142.9662781
22-Nov-24 03:00:00	50.08036423	30.1381496	7.47329998	846.6976318	5.910959721	0.133.9521942
22-Nov-24 04:00:00	50.23998642	30.02095985	7.456188202	846.9934082	5.969143391	0.127.574234
22-Nov-24 05:00:00	50.44623184	29.91010475	7.4390769	847.2891846	6.190768242	0.120.1828918
22-Nov-24 06:00:00	50.48950958	29.79924965	7.421965122	847.5848999	6.378984928	0.127.5834427
22-Nov-24 07:00:00	50.60282516	29.68839455	7.404853344	848.6896973	6.407895088	0.128.6768646
22-Nov-24 08:00:00	50.43518448	29.57753944	7.407178402	850.5598145	6.531130791	0.106.9950027
22-Nov-24 09:00:00	50.71412659	29.71359634	7.457671165	852.4299927	6.595162868	0.127.8618393
22-Nov-24 10:00:00	50.86000061	29.93905067	7.549742222	854.3001099	6.502285957	0.113.5347061
22-Nov-24 11:00:00	0.04495582	33.44114304	7.628700256	856.1702271	4.374797344	0.128.1556931
22-Nov-24 12:00:00	0.042570125	37.60626622	7.653164387	858.0403442	2.963445663	0.122.3365479
22-Nov-24 13:00:00	0.040180668	39.43155289	7.780843258	859.9104614	2.875594139	0.120.6699295
22-Nov-24 14:00:00	0.037791211	39.98522606	7.908522606	861.7805786	2.78927207	0.136.8582794
22-Nov-24 15:00:00	0.035401754	8.00274086	8.63.637146	8.00274086	2.791498423	0.119.107132
22-Nov-24 16:00:00	0.033012297	39.69390106	7.947111113	865.4686164	2.80530405	0.139.364288
22-Nov-24 17:00:00	0.030522838	38.38782501	7.847787857	867.3364865	2.918654131	0.137.298504
22-Nov-24 18:00:00	0.028233381	36.58687592	7.869186157	869.1861572	3.053401947	0.122.2051544
22-Nov-24 19:00:00	0.023040871	34.45743942	7.710948594	871.0357665	3.187148763	0.116.638209
22-Nov-24 20:00:00	0.04131715	32.61194992	7.718786621	873.886437	3.291722536	0.110.6073914
22-Nov-24 21:00:00	0.050329428	31.13153839	7.192575932	874.7351074	3.308775902	0.121.7087173
22-Nov-24 22:00:00	46.96704865	30.74025536	7.521871567	950.4574585	6.526067257	0.136.966011
22-Nov-24 23:00:00	46.95608521	30.6836834	7.618165016	967.5924072	7.469329834	0.127.8692322
23-Nov-24 00:00:00	48.03926849	30.56508636	7.6579023079	968.6188354	7.657912731	0.138.9.27435
23-Nov-24 01:00:00	48.54828262	30.44649124	7.681463242	969.6452026	7.480511189	0.130.6565094
23-Nov-24 02:00:00	48.84331172	30.32789612	7.687903404	970.6715698	7.367919445	0.128.8628235
23-Nov-24 03:00:00	48.09566116	30.20929999	7.66603899	971.697397	7.496074677	0.156.400.285
23-Nov-24 04:00:00	48.24795532	30.09070396	7.635493279	972.7243042	7.544145107	0.129.5769043
23-Nov-24 05:00:00	48.52605438	29.97210693	7.60494709	973.7506714	7.581157207	0.143.4555206
23-Nov-24 06:00:00	48.40126419	29.90842628	7.574400902	974.7770386	7.709681988	0.136.1303284
23-Nov-24 07:00:00	49.33782959	29.27283899	7.519835949	983.0049438	7.887435913	0.110.193924
23-Nov-24 08:00:00	49.41763306	29.23135376	7.484414577	984.441577	8.161161366	0.124.8791351
23-Nov-24 09:00:00	49.60746694	30.10385895	7.580800056	901.6473389	9.053818703	0.106.7969208
23-Nov-24 10:00:00	49.69232559	30.14454651	7.71339798	934.4089966	9.506202698	0.118.0673599

November-24

*Remark
Copy value to cell
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
23-Nov-24 11:00:00	49.30727768	30.18523407	7.863190651	936.3551636	9.662374496	0.109.4084549
23-Nov-24 12:00:00	49.67097473	30.46045303	7.67097473	8.009500504	9.381012695	0.125.7552261
23-Nov-24 13:00:00	0.128275767	30.70828629	8.242876053	940.2474365	8.711572647	0.114.1924896
23-Nov-24 14:00:00	0.114600271	32.02905655	8.31500721	942.1936035	8.246227264	0.125.6736298
23-Nov-24 15:00:00	0.100924768	34.84511566	8.246227264	944.1397705	2.896268845	0.128.5244293
23-Nov-24 16:00:00	0.087249272	35.04457474	8.177447319	946.0858765	2.903174559	0.124.6629486
23-Nov-24 17:00:00	0.073573768	34.44245148	8.097210884	948.0320435	2.962614298	0.113.3019791
23-Nov-24 18:00:00	0.059898265	33.5351181	7.925325871	948.3163452	3.103750229	0.119.2868958
23-Nov-24 19:00:00	0.046222765	32.31744766	7.752807617	944.9914551	3.24488616	0.109.2978668
23-Nov-24 20:00:00	0.032547265	31.05125618	7.671643734	861.6187744	5.718714237	0.114.9493561
23-Nov-24 21:00:00	49.12657547	31.21299362	7.726098061	825.2909546	4.717318535	0.115.5293808
23-Nov-24 22:00:00	49.19725418	31.11796951	7.695557594	812.5455933	5.195701122	0.124.8542099
23-Nov-24 23:00:00	48.63315201	31.00253868	7.665017128	812.4612427	5.740456104	0.124.3417358
24-Nov-24 00:00:00	48.77424622	30.88710976	7.634477139	812.3768921	5.941732883	0.109.4476547
24-Nov-24 01:00:00	49.08470535	30.77167892	7.603936672	812.2924805	5.88034153	0.119.2156143
24-Nov-24 02:00:00	47.7367401	30.65624909	7.525091171	812.2081299	4.871948719	0.127.6452179
24-Nov-24 03:00:00	46.60398483	30.54081917	7.443777084	812.1237183	4.972378254	0.118.4871902
24-Nov-24 04:00:00	50.01932907	30.42538834	7.388922215	812.0396777	5.050232887	0.133.5037231
24-Nov-24 05:00:00	46.99423981	30.31139374	7.375166893	811.9549561	5.406953812	0.101.8097992
24-Nov-24 06:00:00	46.80847931	30.21408653	7.364115172	812.5414429	5.617330551	0.144.6153564

November-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
26-Nov-24 16:00:00	0.061563708		8.012782097	806.3270264	2.807459116	129.6962891
26-Nov-24 17:00:00	-0.04208127	37.81005096	7.978118896	807.3555908	2.878624201	142.3466949
26-Nov-24 18:00:00	-0.022598833	35.08926392	7.901990891	808.3841553	3.015990257	104.2575302
26-Nov-24 19:00:00	-0.003116395	32.73149109	7.69424152	809.2146606	3.141251802	134.4655609
26-Nov-24 20:00:00	0.016366042	30.93296432	7.486857414	808.3165283	3.264693022	106.1354828
26-Nov-24 21:00:00	0.03584848	31.13531685	8.348648071	820.6110229	8.451123238	131.4662323
26-Nov-24 22:00:00	77.2292256	31.22244263	7.780714989	831.7987061	9.357527733	119.3889999
26-Nov-24 23:00:00	51.49866104	31.3095665	7.561486244	832.3447266	8.931837082	111.1548233
27-Nov-24 00:00:00	50.59979248	31.22583961	7.493169785	833.8907471	8.814577103	113.889183
27-Nov-24 01:00:00	50.48312759	31.1262989	7.470998764	833.4367676	8.57589817	112.714386
27-Nov-24 02:00:00	50.97158813	31.02675819	7.448827744	833.9827881	8.27577877	109.137291
27-Nov-24 03:00:00	51.20204926	30.92721748	7.426656723	834.5288086	8.082883835	163.1351471
27-Nov-24 04:00:00	51.40266037	30.82767677	7.408133507	835.0748291	7.931105614	148.0069052
27-Nov-24 05:00:00	51.34939194	30.72813606	7.426364899	835.6208496	7.701831818	116.0071564
27-Nov-24 06:00:00	51.36986542	30.62859535	7.444596291	836.2023315	7.462439537	156.5718842
27-Nov-24 07:00:00	51.68460464	30.53540802	7.462827682	836.9512329	7.282653809	152.9946747
27-Nov-24 08:00:00	51.49670792	30.5311718	7.552098274	837.7001343	7.223734379	160.3512115
27-Nov-24 09:00:00	51.36697388	30.5329113	7.647593498	838.4490356	7.142014027	154.4994354
27-Nov-24 10:00:00	51.53150558	30.88352776	7.793852806	839.179937	7.078675747	163.3473816
27-Nov-24 11:00:00	0.041031111	34.2490387	7.75620985	839.9468384	3.448938847	112.1852646
27-Nov-24 12:00:00	0.042502914	33.29195404	7.961027145	836.6784668	3.445336342	113.2443924
27-Nov-24 13:00:00	0.043974712	36.18001938	7.97327791	838.2979736	2.899160624	116.7945709
27-Nov-24 14:00:00	0.045446515	38.42148972	8.044398308	839.9175415	2.847141266	129.5134125
27-Nov-24 15:00:00	0.046918318	38.97218704	8.07004261	841.5371094	2.806531429	129.5687256
27-Nov-24 16:00:00	0.04839012	38.81427765	8.077228546	843.1566772	2.836382627	116.4168396
27-Nov-24 17:00:00	0.049861919	37.50270081	8.025464058	844.7762451	2.919146776	0.044716567
27-Nov-24 18:00:00	0.051333722	36.06555939	7.797611713	846.395752	3.070057631	146.387088
27-Nov-24 19:00:00	0.04677448	34.30807495	7.541333675	848.0153198	3.220968246	118.5441971
27-Nov-24 20:00:00	0.040264025	32.55059433	7.320549011	852.1315918	3.296888828	124.1977158
27-Nov-24 21:00:00	51.53552246	30.92028046	7.756854057	816.2174683	6.754389286	117.3463898
27-Nov-24 22:00:00	51.44642639	30.91768074	7.769679546	805.380188	6.63329868	122.0406342
27-Nov-24 23:00:00	51.25775528	30.91508102	7.73586607	806.2652588	6.40493679	109.6824493
28-Nov-24 00:00:00	51.26141357	30.83684921	7.702052593	807.1503296	6.194943905	118.9092102
28-Nov-24 01:00:00	51.71108627	30.64182663	7.668239117	808.0354004	6.14206028	166.9430842
28-Nov-24 02:00:00	51.86579132	30.44680214	7.6169792461	808.9204102	6.063423157	108.8046646
28-Nov-24 03:00:00	52.16162491	30.25177956	7.5701828	809.805481	5.9731884	148.0683441
28-Nov-24 04:00:00	52.04181671	30.05675697	7.520573139	810.6905518	5.905062675	154.4089508
28-Nov-24 05:00:00	52.14369202	29.86173248	7.470963478	811.5756226	5.918260574	163.7518463
28-Nov-24 06:00:00	51.97908783	29.6667099	7.443150997	812.7788086	5.789012909	161.8725128
28-Nov-24 07:00:00	52.23117065	29.47168541	7.464558125	814.2984009	5.20620203	127.449707
28-Nov-24 08:00:00	51.95195007	29.35547638	7.491985798	815.8179932	5.055360317	114.5243835
28-Nov-24 09:00:00	52.16413116	29.31155205	7.558082581	817.3375244	5.091465473	117.3982773
28-Nov-24 10:00:00	0.183577999	29.66815758	7.630408764	818.8571167	5.176063061	110.6583023
28-Nov-24 11:00:00	0.068210244	30.1999836	8.012480736	822.0786743	6.83340168	107.2389984
28-Nov-24 12:00:00	0.06505616	34.45584106	7.72102499	827.0599365	3.278702259	114.7405396
28-Nov-24 13:00:00	0.061920073	36.29206085	7.731389999	832.0411987	3.034806728	117.4464951
28-Nov-24 14:00:00	0.058774985	38.12275314	7.780636311	833.6613159	2.979078054	128.2251892
28-Nov-24 15:00:00	0.055629898	38.77539825	7.857226849	833.4936523	2.928928137	129.3410645
28-Nov-24 16:00:00	0.052484814	38.11210251	2.633488655	10.18205166		112.4986954
28-Nov-24 17:00:00	0.049339727	36.71044922	7.768743038	203.9033356	4.489146233	140.9564685
28-Nov-24 18:00:00	0.046194643	35.12447357	7.549695969	205.6396027	4.366091251	113.897789
28-Nov-24 19:00:00	0.048996612	33.27799225	7.330648422	207.3758698	4.303237438	130.1849213
28-Nov-24 20:00:00	0.060268942	29.93804741	7.642550945	819.5946045	9.511348724	112.5746765
28-Nov-24 21:00:00	50.87857437	29.87125206	7.686099529	809.0661011	9.717101097	128.4011993
28-Nov-24 22:00:00	51.07413101	29.80445862	7.665444374	798.5376587	9.705524445	119.409668
28-Nov-24 23:00:00	50.3220253	29.7376327	7.639290333	799.1080322	9.693948746	152.1195068
29-Nov-24 00:00:00	50.25139236	29.49929428	7.609998703	800.1945159	9.682372093	162.4824219
29-Nov-24 01:00:00	50.47073746	29.24273872	7.574843407	801.2810059	9.718014717	118.357132
29-Nov-24 02:00:00	50.65930557	28.98618317	7.539687634	802.3675537	9.762170792	120.7955475
29-Nov-24 03:00:00	50.73690033	28.72962761	7.504532337	803.4540405	9.810718536	143.3370514
29-Nov-24 04:00:00	50.89572144	28.47307205	7.469376564	804.5405273	9.861916542	144.7489229
29-Nov-24 05:00:00	50.83876801	28.2165184	7.4341420791	805.6270142	9.931144548	154.0482279
29-Nov-24 06:00:00	50.98100662	27.95996284	7.40898031	806.6993284	9.96431116	160.378656
29-Nov-24 07:00:00	51.02585983	27.69305801	7.431866169	807.6551514	10.01550961	113.7591934
29-Nov-24 08:00:00	-0.012383231	27.19457054	7.263434887	808.6109619	8.584328651	106.6625977
29-Nov-24 09:00:00	-0.006301418	26.67034531	7.175614834	809.5667725	6.955548286	114.4025116
29-Nov-24 10:00:00	-0.000219606	28.35295486	7.213555813	810.522583	6.700038433	116.594162
29-Nov-24 11:00:00	0.005862206	32.16863251	7.376452923	811.4783936	5.840185165	112.6993484
29-Nov-24 12:00:00	0.011944019	34.77362823	7.53935051	812.4342041	4.452194214	118.9252777
29-Nov-24 13:00:00	0.018025832	36.20980835	7.691649437	813.3900146	3.496841192	110.397583
29-Nov-24 14:00:00	0.024107644	37.8378334	7.825532436	814.3655396	3.247015238	127.5991211
29-Nov-24 15:00:00	0.030189456	37.9779892	7.891373795	815.4173584	3.132747889	119.8693466
29-Nov-24 16:00:00	0.0344708	37.01439667	7.955097675	816.4691772	3.052443981	130.3344421
29-Nov-24 17:00:00	0.037254103	35.25976563	7.871931076	817.5209351	3.282004595	139.6726245
29-Nov-24 18:00:00	0.040037408	33.26255798	7.633841515	818.5727539	3.335506916	109.3602676
29-Nov-24 19:00:00	0.042820714	31.16561317	7.368750095	819.6245728	3.46181798	128.6476288
29-Nov-24 20:00:00	81.1645813	28.38990784	7.612834454	820.8479614	9.201395035	123.1306992

November-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
29-Nov-24 21:00:00	0.069887191	28.61466408	8.446954727	823.8008423	11.77035713	122.9715881
29-Nov-24 22:00:00	53.85919952	28.69648933	7.148957253	826.7537231	11.76869583	120.6334534
29-Nov-24 23:00:00	52.7603035	28.62467003	6.919395447	829.706604	11.52224541	128.0134125
30-Nov-24 00:00:00	52.87398911	28.55285072	6.85918045	832.6594238	11.27387142	112.6624603
30-Nov-24 01:00:00	53.12542343	28.48103142	6.851407528	834.8775635	11.00625229	121.4486389
30-Nov-24 02:00:00	53.47274017	28.40921211	6.874727249	833.3085327	10.79552364	119.9224396
30-Nov-24 03:00:00	53.62062836	28.33739281	6.89804697	831.739502	10.63090897	100.4367752
30-Nov-24 04:00:00	53.77906036	28.2655735	6.921366692	830.1704712	10.48463249	139.2373657
30-Nov-24 05:00:00	53.78744507	28.1937542	6.944686413	828.6014404	10.34705639	147.1816101
30-Nov-24 06:00:00	52.76358414	28.15414429	6.968006134	827.0323486	10.29215145	126.9113007
30-Nov-24 07:00:00	52.61250687	28.13318253	7.004602909	825.4633179	10.19547844	125.9231796
30-Nov-24 08:00:00	52.88033295	28.11222076	7.143096924	823.8942871	10.17093563	124.798172
30-Nov-24 09:00:00	52.97810364	28.12590218	7.298704147	822.4643555	10.18376541	126.1696472
30-Nov-24 10:00:00	-0.05	30.09	7.21	821.90	7.78	125.51
30-Nov-24 11:00:00	-0.03	34.15	7.36	822.69	6.06	124.91
30-Nov-24 12:00:00	-0.02	37.35	7.56	823.48	5.08	125.54
30-Nov-24 13:00:00	0.00	38.21	7.75	824.26	4.03	110.49
30-Nov-24 14:00:00	0.01	39.58	7.94	825.05	3.50	116.27
30-Nov-24 15:00:00	0.03	39.45	8.05	825.84	3.03	110.55
30-Nov-24 16:00:00	0.04	38.38	8.10	826.63	2.98	120.88
30-Nov-24 17:00:00	0.06	36.65	8.09	827.42	3.05	118.66
30-Nov-24 18:00:00	0.05	34.68	7.89	829.54	3.61	120.14
30-Nov-24 19:00:00	0.05	32.56	7.59	833.36	3.87	123.83
30-Nov-24 20:00:00	51.18	28.94	7.86	807.21	10.09	116.77
30-Nov-24 21:00:00	51.65	29.28	7.89	793.47	10.39	148.10
30-Nov-24 22:00:00	54.54	29.18	7.84	790.83	10.32	148.09
30-Nov-24 23:00:00	54.68	29.07	7.76	791.23	10.24	144.40
01-Dec-24 00:00:00	54.88	28.96	7.69	791.63	10.13	146.40

December-24

*Remark
Copy value from PI value.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
01-ธ.ค.-24 00:00:00	54.83	28.96	7.69	791.63	10.13	146.49
01-ธ.ค.-24 01:00:00	54.90	28.85	7.61	792.04	10.15	141.02
01-ธ.ค.-24 02:00:00	55.84	28.28	7.54	792.44	9.85	174.66
01-ธ.ค.-24 03:00:00	55.73	28.12	7.47	792.84	9.68	129.57
01-ธ.ค.-24 04:00:00	55.73	27.96	7.39	793.24	9.67	124.37
01-ธ.ค.-24 05:00:00	55.92	27.80	7.33	793.65	9.62	131.33
01-ธ.ค.-24 06:00:00	55.92	27.64	7.28	794.47	9.62	129.12
01-ธ.ค.-24 07:00:00	55.90	27.63	7.27	795.32	9.58	127.08
01-ธ.ค.-24 08:00:00	55.82	27.63	7.43	796.17	9.59	129.14
01-ธ.ค.-24 09:00:00	55.83	27.64	7.59	797.03	9.65	139.05
01-ธ.ค.-24 10:00:00	-0.02	28.78	7.77	797.88	8.86	132.88
01-ธ.ค.-24 11:00:00	-0.02	33.88	7.81	798.73	6.18	115.90
01-ธ.ค.-24 12:00:00	-0.01	37.74	8.03	799.58	4.32	124.30
01-ธ.ค.-24 13:00:00	0.00	38.84	8.21	800.44	3.06	128.56
01-ธ.ค.-24 14:00:00	0.00		8.34	801.22	2.96	114.66
01-ธ.ค.-24 15:00:00	0.01		8.42	802.01	2.88	146.30
01-ธ.ค.-24 16:00:00	0.02	39.96	8.45	802.79	2.90	111.37
01-ธ.ค.-24 17:00:00	0.03	38.43	8.47	803.58	3.00	115.93
01-ธ.ค.-24 18:00:00	0.04	36.31	8.30	804.36	3.14	119.52
01-ธ.ค.-24 19:00:00	0.05	33.91	8.03	805.14	3.31	113.37
01-ธ.ค.-24 20:00:00	0.06	31.70	7.77	805.93	3.47	121.83
01-ธ.ค.-24 21:00:00	512.24	28.78	8.04	782.19	9.42	120.09
01-ธ.ค.-24 22:00:00	518.0	29.18	8.09	773.07	10.12	106.23
01-ธ.ค.-24 23:00:00	0.16	29.14	8.23	767.87	10.04	118.06
02-ธ.ค.-24 00:00:00	50.01	29.09	7.86	766.30	10.06	125.42
02-ธ.ค.-24 01:00:00	50.22	29.04	7.57	764.73	10.04	133.30
02-ธ.ค.-24 02:00:00	49.73	28.99	7.53	763.16	10.09	122.72
02-ธ.ค.-24 03:00:00	50.00	28.94	7.58	761.60	10.04	134.77
02-ธ.ค.-24 04:00:00	50.21	28.89	7.71	760.03	10.06	119.51
02-ธ.ค.-24 05:00:00	50.59	28.83	7.89	758.46	10.03	129.73
02-ธ.ค.-24 06:00:00	50.77	28.78	7.98	756.90	10.03	136.54
02-ธ.ค.-24 07:00:00	50.84	28.73	8.07	758.04	10.03	134.93
02-ธ.ค.-24 08:00:00	50.92	28.68	8.17	760.52	10.01	127.17
02-ธ.ค.-24 09:00:00	-0.04	28.68	8.28	763.01	9.98	120.22
02-ธ.ค.-24 10:00:00	49.04	28.97	7.68	763.71	10.07	142.22
02-ธ.ค.-24 11:00:00	37.11	29.12	8.18	752.49	9.89	137.07
02-ธ.ค.-24 12:00:00	0.08	29.27		741.26	9.82	124.09
02-ธ.ค.-24 13:00:00	0.07	29.39	8.45	735.07	9.56	134.84
02-ธ.ค.-24 14:00:00	0.07	29.67		728.28	9.41	122.67
02-ธ.ค.-24 15:00:00	48.58	30.11	7.74	722.45	8.05	129.18
02-ธ.ค.-24 16:00:00	48.17	30.30	8.13	729.39	7.49	133.15
02-ธ.ค.-24 17:00:00	47.57	30.10	7.38	730.44	7.58	133.02
02-ธ.ค.-24 18:00:00	48.32	29.90	7.49	731.49	8.48	130.48
02-ธ.ค.-24 19:00:00	48.79	29.69	7.70	732.55	8.57	131.97
02-ธ.ค.-24 20:00:00	48.97	29.49	7.97	733.60	8.64	120.77
02-ธ.ค.-24 21:00:00	0.11	29.29	8.21	734.65	8.57	133.69
02-ธ.ค.-24 22:00:00	48.80	29.08	7.81	735.71	8.70	129.96
02-ธ.ค.-24 23:00:00	49.36	28.88	8.08	736.76	8.66	147.24
03-ธ.ค.-24 00:00:00	48.66	28.66	8.18	734.59	8.67	134.81
03-ธ.ค.-24 01:00:00	0.06	28.39	8.28	730.77	8.82	149.61
03-ธ.ค.-24 02:00:00	0.05	29.09	8.06	729.09	8.62	148.53
03-ธ.ค.-24 03:00:00	49.11	29.16	8.06	728.27	8.25	149.80
03-ธ.ค.-24 04:00:00	48.78	29.07	8.11	727.44	7.88	124.21
03-ธ.ค.-24 05:00:00	48.46	28.98	8.16	726.62	7.80	140.31
03-ธ.ค.-24 06:00:00	48.76	28.90	8.15	725.80	8.00	139.78
03-ธ.ค.-24 07:00:00	48.92	28.81	8.03	725.00	7.65	70.40
03-ธ.ค.-24 08:00:00	49.53	28.72	8.10	724.48	7.75	0.34
03-ธ.ค.-24 09:00:00	49.59	28.78	7.70	723.97	8.31	0.29
03-ธ.ค.-24 10:00:00	49.66	28.13	7.82	723.45	7.82	0.24
03-ธ.ค.-24 11:00:00	49.90	29.37	7.93	722.94	7.91	0.19
03-ธ.ค.-24 12:00:00	50.01	29.60	8.05	722.42	7.93	0.14
03-ธ.ค.-24 13:00:00	50.07	29.84	8.17	721.90	7.56	0.09
03-ธ.ค.-24 14:00:00	0.06	30.03	8.29	721.39	6.46	0.04
03-ธ.ค.-24 15:00:00	0.12	30.09	7.44	730.91	3.71	0.00
03-ธ.ค.-24 16:00:00	49.32	30.15	7.50	735.33	9.92	0.01
03-ธ.ค.-24 17:00:00	49.25	30.13	7.61	739.74	9.93	0.01
03-ธ.ค.-24 18:00:00	49.12	29.99	7.49	769.21	9.90	0.01
03-ธ.ค.-24 19:00:00	49.41	29.85	7.26	814.24	9.92	0.01
03-ธ.ค.-24 20:00:00	0.04	29.31	7.13	826.15	9.21	0.01
03-ธ.ค.-24 21:00:00	0.04	29.87	7.16	839.11	9.89	0.01
03-ธ.ค.-24 22:00:00	0.04	29.76	7.21	837.85	9.93	0.01
03-ธ.ค.-24 23:00:00	0.04	29.64	7.26	836.58	9.97	0.01
04-ธ.ค.-24 00:00:00	49.48	29.53	7.31	835.32	9.95	0.01
04-ธ.ค.-24 01:00:00	49.22	29.42	7.32	834.06	9.96	0.00
04-ธ.ค.-24 02:00:00	48.93	29.30	7.33	832.80	9.99	0.00
04-ธ.ค.-24 03:00:00	48.25	29.19	7.33	831.53	10.02	0.00
04-ธ.ค.-24 04:00:00	48.52	29.08	7.33	830.27	10.06	0.00

December-24

*Remark
Copy value from PI value.

	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
Time	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
04-ธ.ค.-24 05:00:00	49.51	28.98	7.33	829.58	10.08	0.00
04-ธ.ค.-24 06:00:00	49.86	28.91	7.33	829.11	10.08	0.00
04-ธ.ค.-24 07:00:00	49.86	28.85	7.33	828.64	10.09	-0.01
04-ธ.ค.-24 08:00:00	49.84	28.79	7.37	828.17	10.08	-0.03
04-ธ.ค.-24 09:00:00	52.80	28.74	7.42	827.70	10.07	-0.04
04-ธ.ค.-24 10:00:00	52.82	29.09	7.47	827.23	10.06	260.85
04-ธ.ค.-24 11:00:00	52.83	29.44	7.53	826.76	10.02	261.79
04-ธ.ค.-24 12:00:00	52.89	29.78	7.59	826.28	9.97	261.23
04-ธ.ค.-24 13:00:00	0.05	33.03	7.53	827.97	7.91	260.59
04-ธ.ค.-24 14:00:00	0.05	36.88	7.43	829.96	4.79	260.88
04-ธ.ค.-24 15:00:00	0.04	37.85	7.35	831.95	3.58	260.59
04-ธ.ค.-24 16:00:00	0.04	38.07	7.30	833.94	3.04	260.39
04-ธ.ค.-24 17:00:00	0.04	37.05	7.27	834.69	3.06	260.84
04-ธ.ค.-24 18:00:00	0.04	35.83	7.24	835.26	3.18	260.32
04-ธ.ค.-24 19:00:00	0.03	29.82	7.45	782.49	9.37	260.77
04-ธ.ค.-24 20:00:00	0.03	29.70	7.45	762.83	9.51	260.76
04-ธ.ค.-24 21:00:00	50.01	29.57	7.44	760.79	9.58	260.18
04-ธ.ค.-24 22:00:00	50.61	29.44	7.43	758.75	9.60	260.08
04-ธ.ค.-24 23:00:00	49.99	29.31	7.42	756.71	9.59	259.98
05-ธ.ค.-24 00:00:00	50.23	29.18	7.40	754.67	9.54	259.59
05-ธ.ค.-24 01:00:00	50.58	29.06	7.38	753.40	9.60	259.82
05-ธ.ค.-24 02:00:00	50.90	28.93	7.36	754.19	9.64	259.56
05-ธ.ค.-24 03:00:00	50.82	28.76	7.34	754.98	9.56	259.64
05-ธ.ค.-24 04:00:00	50.80	28.52	7.32	755.77	9.66	259.93
05-ธ.ค.-24 05:00:00	50.66	28.29	7.30	756.56	9.71	259.18
05-ธ.ค.-24 06:00:00	0.03	27.77	7.18	757.35	7.95	259.35
05-ธ.ค.-24 07:00:00	0.04	26.80	6.96	758.14	5.01	258.91
05-ธ.ค.-24 08:00:00	0.05	28.78	7.09	777.42	9.40	258.83
05-ธ.ค.-24 09:00:00	49.75	29.43	7.30	796.70	9.66	258.76
05-ธ.ค.-24 10:00:00	49.01	29.70	7.39	801.24	9.88	258.21
05-ธ.ค.-24 11:00:00	49.21	29.96	7.47	802.06	9.71	258.44
05-ธ.ค.-24 12:00:00	49.24	30.22	7.55	802.89	9.75	258.86
05-ธ.ค.-24 13:00:00	49.44	30.26	7.63	803.71	9.73	258.47
05-ธ.ค.-24 14:00:00	49.74	30.19	7.64	804.54	9.76	258.31
05-ธ.ค.-24 15:00:00	49.86	30.12	7.65	805.36	9.85	258.01
05-ธ.ค.-24 16:00:00	50.37	30.05	7.66	806.19	9.77	2.93
05-ธ.ค.-24 17:00:00	50.49	29.99	7.43	807.01	9.72	0.86
05-ธ.ค.-24 18:00:00	-0.11	29.71	7.21	808.55	8.95	0.02
05-ธ.ค.-24 19:00:00	-0.07	29.23	7.15	810.13	3.84	0.03
05-ธ.ค.-24 20:00:00	-0.02	29.98	7.15	765.08	9.19	0.03
05-ธ.ค.-24 21:00:00	0.02	29.90	7.26	739.19	9.23	0.03
05-ธ.ค.-24 22:00:00	0.07	29.83	7.29	736.57	9.30	0.04
05-ธ.ค.-24 23:00:00	49.94	29.75	7.30	733.94	9.48	0.04
06-ธ.ค.-24 00:00:00	49.16	29.67	7.29	731.31	9.34	0.05
06-ธ.ค.-24 01:00:00	49.42	29.57	7.29	728.69	9.24	0.05
06-ธ.ค.-24 02:00:00	49.57	29.46	7.29	726.06	9.24	0.05
06-ธ.ค.-24 03:00:00	49.88	29.35	7.28	723.43	9.33	0.05
06-ธ.ค.-24 04:00:00	50.06	29.24	7.28	721.16	9.35	0.04
06-ธ.ค.-24 05:00:00	50.21	29.12	7.28	720.77	9.39	0.04
06-ธ.ค.-24 06:00:00	50.44	29.01	7.28	720.37	9.43	0.04
06-ธ.ค.-24 07:00:00	50.39	28.90	7.28	719.98	9.46	0.03
06-ธ.ค.-24 08:00:00	50.51	28.79	7.28	719.59	9.47	0.03
06-ธ.ค.-24 09:00:00	50.64	28.89	7.29	719.19	9.47	0.03
06-ธ.ค.-24 10:00:00	50.56	29.08	7.30	718.80	9.58	0.02
06-ธ.ค.-24 11:00:00	50.67	29.40	7.25	718.41	9.34	0.02
06-ธ.ค.-24 12:00:00	50.70	29.72	7.19	718.70	9.37	0.02
06-ธ.ค.-24 13:00:00	0.13	34.16	7.19	720.51	3.10	0.02
06-ธ.ค.-24 14:00:00	0.12	39.15	7.24	722.33	3.01	0.01
06-ธ.ค.-24 15:00:00	0.11		7.28	723.78	2.93	0.01
06-ธ.ค.-24 16:00:00	0.10		7.27	724.71	2.85	0.01
06-ธ.ค.-24 17:00:00	0.09	38.00	7.26	725.65	2.93	0.01
06-ธ.ค.-24 18:00:00	-0.09	34.48	7.24	726.59	3.04	0.00
06-ธ.ค.-24 19:00:00	-0.04	31.52	7.19	727.52	3.19	0.01
06-ธ.ค.-24 20:00:00	0.02	29.51	7.09	728.46	3.34	0.01
06-ธ.ค.-24 21:00:00	50.08	29.91	7.22	727.47	8.17	0.01
06-ธ.ค.-24 22:00:00	50.31	30.02	7.23	728.27	8.33	0.01
06-ธ.ค.-24 23:00:00	49.87	29.94	7.25	729.08	8.53	0.01
07-ธ.ค.-24 00:00:00	50.14	29.87	7.26	729.88	8.37	0.01
07-ธ.ค.-24 01:00:00	50.15	29.79	7.27	730.69	8.80	0.01
07-ธ.ค.-24 02:00:00	50.51	29.72	7.28	731.49	9.32	0.01
07-ธ.ค.-24 03:00:00	50.68	29.64	7.30	732.30	9.49	0.01
07-ธ.ค.-24 04:00:00	51.08	29.57	7.31	733.10	9.58	0.01
07-ธ.ค.-24 05:00:00	51.35	29.50	7.34	733.83	9.61	0.01
07-ธ.ค.-24 06:00:00	51.31	29.43	7.36	734.51	9.71	0.01
07-ธ.ค.-24 07:00:00	51.45	29.36	7.39	735.19	9.64	0.01
07-ธ.ค.-24 08:00:00	51.40	29.30	7.43	735.87	9.57	0.00
07-ธ.ค.-24 09:00:00	51.60	29.25	7.52	736.55	9.59	0.00

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*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY us/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
07-6-24 10:00:00	51874	29.65	7.62	737.24	9.60	0.03
07-6-24 11:00:00	51839	30.05	7.71	737.92	8.92	262.24
07-6-24 12:00:00	0.06		7.69	738.60	6.66	262.64
07-6-24 13:00:00	0.05	35.51	7.59	739.21	4.34	261.79
07-6-24 14:00:00	0.05	37.21	7.56	739.81	3.01	261.79
07-6-24 15:00:00	0.05	37.49	7.53	740.40	3.26	262.01
07-6-24 16:00:00	0.04	37.74	7.49	740.99	2.94	261.24
07-6-24 17:00:00	0.04	36.98	7.46	741.59	2.94	261.54
07-6-24 18:00:00	0.04	35.86	7.42	742.18	3.01	261.03
07-6-24 19:00:00	0.03	34.50	7.39	742.77	3.12	261.77
07-6-24 20:00:00	0.03	33.13	7.35	743.37	3.22	260.60
07-6-24 21:00:00	50.25	30.44	7.56	714.48	8.45	261.08
07-6-24 22:00:00	51817	30.48	7.56	699.96	8.71	261.09
07-6-24 23:00:00	50.59	30.53	7.57	699.77	8.87	261.20
08-6-24 00:00:00	50.87	30.53	7.58	700.07	8.99	260.34
08-6-24 01:00:00	51811	30.47	7.58	700.38	9.02	260.74
08-6-24 02:00:00	51816	30.40	7.59	700.68	9.22	260.44
08-6-24 03:00:00	51.65	30.34	7.60	700.99	9.21	260.77
08-6-24 04:00:00	51.70	30.27	7.57	701.29	9.31	260.42
08-6-24 05:00:00	51.40	30.21	7.55	701.60	9.24	260.21
08-6-24 06:00:00	51.66	30.14	7.56	701.94	9.34	259.97
08-6-24 07:00:00	51.62 479401	30.0788042	7.570445538	702.536438	9.344701767	260.0561523
08-6-24 08:00:00	51.50 053619	30.03401756	7.58149147	703.1346436	9.40493679	259.8484192
08-6-24 09:00:00	51.76617432	30.00711441	7.592536926	703.7328491	9.392176628	259.954071
08-6-24 10:00:00	51.59551239	29.98021126	7.662168026	704.3309937	9.404509544	259.4446716
08-6-24 11:00:00	51.61 839294	30.37011147	7.734574318	704.9291992	9.248090744	259.7084045
08-6-24 12:00:00	0.059061944	35.91788483	7.576087952	705.5274048	8.396658897	259.0702515
08-6-24 13:00:00	0.058740444	38.39164672	7.509880066	706.1256104	2.949923277	258.5397949
08-6-24 14:00:00	0.058418948		7.474020481	706.9459585	2.871830702	258.6986084
08-6-24 15:00:00	0.058097452		7.48160896	708.3945313	2.85338521	258.6193464
08-6-24 16:00:00	0.057775956		7.402301311	709.8394775	2.872479677	3.335054636
08-6-24 17:00:00	0.057454459	38.50286484	7.366441727	711.2844238	2.947748184	0.419473797
08-6-24 18:00:00	0.057132963	36.85482788	7.330582142	712.7293701	3.087316275	0.368023783
08-6-24 19:00:00	0.056811463	35.04269028	7.294722557	714.1743164	3.228655527	0.316573799
08-6-24 20:00:00	0.046963241	30.94013786	7.27489996	715.2755127	3.36999464	0.265123814
08-6-24 21:00:00	51.67 446518	30.41053963	7.591150761	701.805542	9.35338974	0.213673815
08-6-24 22:00:00	50.94 688416	30.39377594	7.571284771	701.6157837	9.411744118	0.162223816
08-6-24 23:00:00	50.86 329956	30.37701416	7.551418781	701.4259644	9.545663834	0.110773817
09-6-24 00:00:00	51.18 898773	30.34634781	7.531552315	701.236145	9.564767838	0.059323817
09-6-24 01:00:00	51.17 796707	30.21834183	7.528718948	701.0643257	9.64499504	0.027582968
09-6-24 02:00:00	51.17 070923	30.09033775	7.526247978	700.8565063	9.629137993	0.024731265
09-6-24 03:00:00	51.19 220535	29.96233177	7.523777008	700.666687	9.707196236	0.021879561
09-6-24 04:00:00	51.19 408768	29.8343277	7.521305561	700.4768677	9.599762917	0.019027859
09-6-24 05:00:00	51.19 968994	29.70632362	7.518834591	700.586731	9.731391907	0.016176157
09-6-24 06:00:00	51.19 790558	29.57831767	7.516363621	700.9784546	9.726237297	0.013324453
09-6-24 07:00:00	51.19 646484	29.45031354	7.513892651	701.3701782	9.73735714	0.01047275
09-6-24 08:00:00	51.19 384628	29.37760353	7.54495573	701.7619019	9.787722588	0.007621047
09-6-24 09:00:00	51.19 814514	29.44865227	7.584548473	702.1536255	9.75178051	0.002963906
09-6-24 10:00:00	51.19 025232	29.56716347	7.624141693	702.5453491	9.734919548	-0.003121363
09-6-24 11:00:00	51.19 291626	29.77884483	7.691828251	702.9370728	9.696904182	-0.009206633
09-6-24 12:00:00	-0.015449198	32.81882477	7.638004539	703.288574	6.582789898	-0.015291902
09-6-24 13:00:00	-0.001733843	35.1426011	7.520505905	702.2927246	3.49613667	-0.02137717
09-6-24 14:00:00	0.011981511	35.86538315	7.485247492	700.5470581	3.064979315	-0.02746244
09-6-24 15:00:00	0.02569866	36.71323013	7.450043678	698.8014526	3.014393806	-0.033547711
09-6-24 16:00:00	0.039412219	37.02286911	7.42888798	697.0558472	2.935986757	-0.03963298
09-6-24 17:00:00	0.053127576	35.48557281	7.421577454	695.3102417	2.99340808	-0.036954563
09-6-24 18:00:00	0.066842929	30.32625008	7.429635048	693.3449997	4.559381008	-0.030667581
09-6-24 19:00:00	0.085058285	30.04227257	7.495803833	683.6884155	8.719231606	-0.024380596
09-6-24 20:00:00	51.19 169446	29.93814378	7.446703911	674.2846029	8.814432144	0.018039314
09-6-24 21:00:00	50.36 391068	29.83401489	7.415428162	674.203186	8.94158268	-0.011806631
09-6-24 22:00:00	50.61 122513	29.7298851	7.384151936	674.1128362	9.012372285	-0.005519648
09-6-24 23:00:00	50.92 71097	29.62575331	7.352876186	674.0404053	9.066685677	0.000767335
10-6-24 00:00:00	51.11 639023	29.52162743	7.346899509	673.9590544	9.09118945	0.007054318
10-6-24 01:00:00	51.19 397675	29.41749763	7.349799156	673.8776245	9.092095644	0.011541254
10-6-24 02:00:00	51.19 892334	29.31336784	7.352698803	673.7962466	9.197774887	0.015734492
10-6-24 03:00:00	51.19 198349	29.17976952	7.35559845	673.7148438	9.228517532	0.019927729
10-6-24 04:00:00	51.19 308609	29.04147339	7.35849762	673.805542	9.25372192	0.024120966
10-6-24 05:00:00	51.19 431473	28.90317726	7.361397266	674.6919556	9.194643974	0.028314205
10-6-24 06:00:00	51.19 774506	28.76488113	7.364296913	675.5783691	9.174455643	0.032507442
10-6-24 07:00:00	51.19 525116	28.62658581	7.36719566	676.4647827	9.175663948	0.036700681
10-6-24 08:00:00	51.19 015228	28.48828808	7.401320457	677.3512573	9.215408325	0.040742457
10-6-24 09:00:00	51.19 958344	28.35699463	7.439183712	678.2376709	9.161944389	0.031313378
10-6-24 10:00:00	51.19 900177	28.72286606	7.477046967	679.1240845	9.063239315	0.021884304
10-6-24 11:00:00	51.19 836136	29.08873558	7.534775734	680.010498	8.671185493	0.012455229
10-6-24 12:00:00	-0.024882661	33.42106628	7.448367596	680.8190308	4.148352146	263.3381348
10-6-24 13:00:00	-0.013227898	36.59737015	7.377502441	681.5221558	2.940732479	262.0238953
10-6-24 14:00:00	-0.001573135	39.02203369	7.320987225	682.2525197	2.874412537	261.6514282

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*Remark
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Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/HR	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY us/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/HR
10-6-24 15:00:00	0.010081628	39.65376663	7.292814732	682.9283447	2.887023926	261.5702209
10-6-24 16:00:00	0.021736391	39.11815643	7.264642239	683.6314697	2.891786814	261.4785767
10-6-24 17:00:00	0.033931155	37.76629639	7.236470222	684.3345337	2.944582724	261.51651
10-6-24 18:00:00	0.045045916	35.99386597	7.207810879	685.0376587	3.091232538	261.5687756
10-6-24 19:00:00	0.05670068	29.68131447	7.42110157	686.7098999	8.695982933	283.7609283
10-6-24 20:00:00	51.80 129242	29.82134438	7.474939346	689.6071167	9.274299622	283.8979187
10-6-24 21:00:00	51.27 989197	29.96137619	7.468578339	692.5043945	9.448346138	283.6737366
10-6-24 22:00:00	50.79 56635	29.86767387	7.462217331	695.4016113	9.491346359	283.2831421
10-6-24 23:00:00	50.39 21228	29.76831818	7.455856323	698.2988892	9.49676609	283.2003174
11-6-24 00:00:00	51.09 770203	29.66896248	7.449495316	699.7166138	9.503476143	283.5792847
11-6-24 01:00:00	51.19 594574	29.56960678	7.443134308	700.697937	9.533058167	283.4677124
11-6-24 02:00:00	51.25 963593	29.47025108	7.43677733	701.6792603	9.56264019	282.8970397
11-6-24 03:00:00	51.24 070358	29.37089348	7.430412292	702.6605225	9.658719063	282.9977447
11-6-24 04:00:00	51.34 502029	29.27153778	7.431299686	703.6418457	9.688487053	282.844574
11-6-24 05:00:00	51.50 131226	29.1808815	7.432681561	704.6231689	9.718254089	282.9040893
11-6-24 06:00:00	51.57 21817	29.15110588	7.434063435	705.6044922	9.70173645	282.8787842
11-6-24 07:00:00	51.53 38669	29.12133026	7.435445309	706.5858154	9.688931465	282.374115
11-6-24 08:00:00	51.50 31929	29.09155464	7.486728191	707.3619385	9.651135445	282.2788086
11-6-24 09:00:00	51.64 726257	29.06177902	7.54189539	708.1210327	9.619333267	282.0970704
11-6-24 10:00:00	51.23 56987	29.2729435	7.597062588	708.880188	9.530982971	281.8548086
11-6-24 11:00:00	51.92 30178	29.39724922	7.63752079	709.6392822	9.366252243	281.5465698
11-6-24 12:00:00	51.39 43996	29.53517532	7.673943996	710.3984375	9.814552307	281.6616516
11-6-24 13:00:00	0.08431235	35.09669495	7.625665188	711.1575317	4.275371075	281.0458986
11-6-24 14:00:00	0.073565647	38.11906815	7.563882828	711.916687	2.886418343	281.0643616
11-6-24 15:00:00	0.062818944	38.91241837	7.502099991	712.675813	2.817446232	280.9120488
11-6-24 16:00:00	0.052072246	38.86755371	7.473318577	711.7218018	2.767427444	280.678006
11-6-24 17:00:00	0.041325543	37.74068069	7.448374748	710.7509766	2.850207329	280.744

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
13-ט.ד.-24 20:00:00	0.046458814	30.04137802	7.615249157	691.458374	4.345724583	283.848990
13-ט.ד.-24 21:00:00	52.83343887	29.97371674	7.619392395	691.7277222	5.138895035	283.6479492
13-ט.ד.-24 22:00:00	51.45337796	29.90605545	7.62353611	691.9970703	4.874638557	283.7015381
13-ט.ד.-24 23:00:00	51.26616287	29.83839417	7.627679348	692.2663574	4.841689587	283.3928928
14-ט.ד.-24 00:00:00	51.77750015	29.77073479	7.631822586	692.5357056	5.043931484	283.1831665
14-ט.ד.-24 01:00:00	51.95013428	29.7030735	7.635966301	692.8050537	5.481927872	283.2223816
14-ט.ד.-24 02:00:00	52.11071014	29.63541222	7.640109539	693.0743408	5.815720558	283.1153564
14-ט.ד.-24 03:00:00	51.8806076	29.54450607	7.644253254	693.343689	6.12446533	282.5297241
14-ט.ד.-24 04:00:00	52.25328445	29.4389801	7.648612499	693.8262329	6.117236137	282.9179688
14-ט.ד.-24 05:00:00	52.31345474	29.33345222	7.653522968	694.3317871	5.901129246	282.5587766
14-ט.ד.-24 06:00:00	52.29864883	29.22792625	7.658433437	694.8373413	6.117604256	282.2384940
14-ט.ד.-24 07:00:00	52.23658752	29.12239838	7.663434343	695.3428345	6.234472275	282.0386658
14-ט.ד.-24 08:00:00	52.20639801	29.01687241	7.668253899	695.8483887	6.287727833	281.8368226
14-ט.ד.-24 09:00:00	52.17126492	28.91134453	7.673163891	696.3538818	5.997891426	281.899356
14-ט.ד.-24 10:00:00	52.58068466	28.80581856	7.67807436	696.859436	6.292064667	11.76921368
14-ט.ד.-24 11:00:00	52.3369545	28.92187119	7.682984829	697.3387451	6.110723495	1.349570274
14-ט.ד.-24 12:00:00	-0.053267989	29.51748466	7.6391325	697.3604736	5.310185604	0.556691468
14-ט.ד.-24 13:00:00	-0.037850529	29.73821411	7.531513214	697.3821411	3.352165937	0.195032775
14-ט.ד.-24 14:00:00	-0.022433065	32.31404114	7.459466457	697.4038086	3.190846205	0.058427405
14-ט.ד.-24 15:00:00	-0.007015604	33.01950455	7.429227352	697.4255371	3.169444323	0.058655165
14-ט.ד.-24 16:00:00	0.008401859	33.03801727	7.398988724	697.4472046	3.212943792	0.106070951
14-ט.ד.-24 17:00:00	0.02381932	32.44729996	7.368749619	697.4688721	3.25643024	0.153486729
14-ט.ד.-24 18:00:00	0.039236784	31.20134735	7.33851099	697.490606	3.318426132	0.200902522
14-ט.ד.-24 19:00:00	0.054654244	29.50161743	7.561050892	697.064673	5.447767735	0.2483183
14-ט.ד.-24 20:00:00	0.068988189	29.6192646	7.635182381	696.3685303	6.667957306	0.295734078
14-ט.ד.-24 21:00:00	51.79794174	29.65573692	7.65474987	695.6705322	6.312219143	0.343149871
14-ט.ד.-24 22:00:00	50.99790955	29.55282211	7.674317837	697.9725952	6.370839119	-2.228019238
14-ט.ד.-24 23:00:00	50.60054016	29.4499054	7.693885326	694.2745972	6.719473839	2.753432989
15-ט.ד.-24 00:00:00	51.05546188	29.34699059	7.713452816	693.5766602	6.701756001	2.182092428
15-ט.ד.-24 01:00:00	51.22246552	29.24407578	7.733020306	692.8786621	6.450301647	0.175123692
15-ט.ד.-24 02:00:00	51.83376389	29.14116096	7.752587795	692.1807251	6.819980621	0.216345102
15-ט.ד.-24 03:00:00	51.24716949	29.03824615	7.772155762	692.256897	7.058303833	0.175736427
15-ט.ד.-24 04:00:00	51.48177719	28.93532494	7.780527592	692.5632935	6.970918179	0.240828574
15-ט.ד.-24 05:00:00	51.45290007	28.82281494	7.783441067	692.8696898	6.943611145	0.13183111
15-ט.ד.-24 06:00:00	51.30841446	28.70146942	7.666402817	693.1760864	7.076129913	-0.147817582
15-ט.ד.-24 07:00:00	51.83187943	28.58012199	7.527791023	693.4824829	6.899442196	0.16670911
15-ט.ד.-24 08:00:00	51.76373672	28.45877647	7.483712673	693.7888794	6.806349722	0.215288639
15-ט.ד.-24 09:00:00	51.95989893	28.33742905	7.480528831	694.0952759	6.705533504	-0.04628256
15-ט.ד.-24 10:00:00	51.83144684	28.21608353	7.47734499	694.4016724	6.595546246	-0.079328552
15-ט.ד.-24 11:00:00	51.89350204	28.33717155	7.474161148	695.1792603	6.642480373	-0.044130698
15-ט.ד.-24 12:00:00	51.5928688	28.5610757	7.470977306	695.9937355	6.485090256	-0.008932841
15-ט.ד.-24 13:00:00	-0.091833554	28.70597076	7.67793465	696.8154907	5.402733803	0.026265016
15-ט.ד.-24 14:00:00	0.008456715	32.6054945	7.363687038	697.633667	3.619229078	0.061462872
15-ט.ד.-24 15:00:00	0.108746983	33.89455032	7.252693176	698.4517822	3.093775988	0.096660726
15-ט.ד.-24 16:00:00	0.209037259	36.33391953	7.17438221	699.2689975	3.01928091	0.131858587
15-ט.ד.-24 17:00:00	0.095072784	33.76557922	7.093982697	700.0880127	3.099313974	0.167056441
15-ט.ד.-24 18:00:00	-0.029782414	30.40664673	6.958512783	700.8361816	3.268135071	-0.075043499
15-ט.ד.-24 19:00:00	0.025010604	28.58040619	7.29508543	676.7047119	9.318636894	-0.011358208
15-ט.ד.-24 20:00:00	0.079803623	28.4995079	7.355154991	666.137146	9.664937973	0.365019768
15-ט.ד.-24 21:00:00	51.80937332	28.41860962	7.375217915	655.569519	9.88530159	-0.245658502
15-ט.ד.-24 22:00:00	51.97645721	28.33771133	7.395280838	653.9177246	9.948530197	0.350455165
15-ט.ד.-24 23:00:00	51.24371719	28.25681305	7.415343761	654.3235474	10.05117321	-0.001446725
16-ט.ד.-24 00:00:00	51.51543808	28.17591476	7.435406685	654.7293091	10.01435471	-0.171983644
16-ט.ד.-24 01:00:00	51.77875173	28.09501648	7.45541952	655.1351318	10.07128658	-0.040598702
16-ט.ד.-24 02:00:00	51.9118576	28.00387192	7.474559307	655.5408936	10.16585827	-0.020024667
16-ט.ד.-24 03:00:00	52.00750732	27.89699554	7.493676662	655.9467163	10.19981098	0.013840787
16-ט.ד.-24 04:00:00	51.7958072	27.79011917	7.512794018	656.3524748	10.28168686	0.200024793
16-ט.ד.-24 05:00:00	51.96066445	27.6832428	7.531911373	656.7583008	10.32858658	0.086847466
16-ט.ד.-24 06:00:00	51.30123169	27.57636642	7.544533008	657.6235352	10.31811445	0.182882206
16-ט.ד.-24 07:00:00	51.126251	27.46949005	7.544620514	658.5059814	10.31209728	0.003312526
16-ט.ד.-24 08:00:00	52.06607374	27.36261368	7.544888496	658.3884277	10.4531398	0.086568089
16-ט.ד.-24 09:00:00	52.88181097	27.2557354	7.500058551	660.270874	10.35431767	0.385767139
16-ט.ד.-24 10:00:00	52.04521561	27.37882423	7.495750427	661.1532593	10.4252703	0.285395086
16-ט.ד.-24 11:00:00	51.96828461	27.69219589	7.491442204	662.0357056	10.31050491	0.28424408
16-ט.ד.-24 12:00:00	-0.091223076	32.28681183	7.395510197	662.9181519	7.648358345	0.284981104
16-ט.ד.-24 13:00:00	-0.061684422	34.10340881	7.268519402	663.8005981	6.568853855	0.284738049
16-ט.ד.-24 14:00:00	-0.032145765	36.68290329	7.234089375	664.3019431	4.994469166	0.284741089
16-ט.ד.-24 15:00:00	-0.002607108	36.28689194	7.199659824	664.8108521	3.90738225	0.284195404
16-ט.ד.-24 16:00:00	0.026931548	35.03153992	7.165229797	665.3125	3.587572098	0.284174354
16-ט.ד.-24 17:00:00	0.056470204	33.66979218	7.130800247	665.814209	3.350517511	0.2842540894
16-ט.ד.-24 18:00:00	51.79748154	28.23638153	7.387986183	696.3334961	9.963578224	0.284269754
16-ט.ד.-24 19:00:00	52.00204468	28.32391357	7.398989125	778.8098755	10.16706731	0.284226404
16-ט.ד.-24 20:00:00	50.85750198	28.41144371	7.402581692	797.3076172	10.20784569	0.283760498
16-ט.ד.-24 21:00:00	50.91262054	28.41324615	7.406265259	794.4824829	10.23400021	0.2841186218
16-ט.ד.-24 22:00:00	51.16271591	28.29224014	7.43070364	791.6572786	10.22869968	0.2837500003
16-ט.ד.-24 23:00:00	51.54417038	28.17123413	7.456657887	788.8320923	10.22328568	0.2835357361
17-ט.ד.-24 00:00:00	51.52873611	28.05023003	7.482611656	786.006958	10.32368565	0.2835081177

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*Remark
Copy value to the right cell.

	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
Time	WASTE WATER OUTLET T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
17-ט.ד.-24 01:00:00	51.42777252	27.92922401	7.508565426	783.1817627	10.32809067	283.5573425
17-ט.ד.-24 02:00:00	51.78350067	27.808218	7.534519196	780.3566284	10.37653542	283.6484375
17-ט.ד.-24 03:00:00	51.58329773	27.6872139	7.560473442	777.5314331	10.41306591	283.0726035
17-ט.ד.-24 04:00:00	51.6015892	27.56620789	7.57729435	775.1209106	10.42193699	283.1201192
17-ט.ד.-24 05:00:00	51.84379196	27.44976616	7.581473827	774.1275024	10.41619873	283.4434204
17-ט.ד.-24 06:00:00	52.01498795	27.33687592	7.585653782	773.1340942	10.36374474	283.0557861
17-ט.ד.-24 07:00:00	51.8932968	27.22398376	7.58983326	772.140625	10.43886089	282.9920956
17-ט.ד.-24 08:00:00	51.7962051	27.11109352	7.596336365	771.1472168	10.46651173	282.4786987
17-ט.ד.-24 09:00:00	51.89864731	26.99820137	7.604536533	770.1538086	10.48230839	282.479248
17-ט.ד.-24 10:00:00	52.0030098	27.21175194	7.612737179	769.1603394	10.43337345	281.9955136
17-ט.ד.-24 11:00:00	52.10633469	27.55260277	7.620937824	768.1669312	10.37159729	282.3214111
17-ט.ד.-24 12:00:00	52.18369293	27.91505432	7.629137993	767.9483643	10.30757141	4.948740482
17-ט.ד.-24 13:00:00	0.072925769	30.93371582	7.515048981	769.0136719	6.797648907	0.973468781
17-ט.ד.-24 14:00:00	0.14371042	34.6149292	7.414069176	770.0789185	3.574148893	0.368916392
17-ט.ד.-24 15:00:00	0.214495063	36.55568695	7.330241203	771.1442261	3.112880945	0.01105105
17-ט.ד.-24 16:00:00	0.231273398	37.75597763	7.270650387	772.2094727	3.118608952	0.094792686
17-ט.ד.-24 17:00:00	0.018225895	34.8270607	7.21033144	773.2747803	3.473189354	0.147424862
17-ט.ד.-24 18:00:00	-0.021544393	31.31289864	7.090373993	774.3400269	3.565701962	0.200057045
17-ט.ד.-24 19:00:00	0.025326956	28.9388283	7.072112143	775.4052734	3.698295593	0.252689242
17-ט.ד.-24 20:00:00	0.021363754	27.85166359	7.390175819	693.0074463	10.04118347	0.305321425
17-ט.ד.-24 21:00:00	0.210090003	28.09606525	7.418209553	669.5559082	9.552150726	0.357953608
17-ט.ד.-24 22:00:00	0.212898647	28.01382637	7.441973966	668.5686646	9.599517822	-0.700224876
17-ט.ד.-24 23:00:00	0.135108948	27.93158913	7.46573782	760.3889926	9.668164253	8.922621727
18-ט.ד.-24 00:00:00	0.618187836	27.84935188	7.497306214	672.2111206	9.713059425	0.321595967
18-ט.ד.-24 01:00:00	0.190125275	27.76711273	7.531109333	674.0323486	9.732461929	0.243439332
18-ט.ד.-24 02:00:00	0.09975433	27.68102837	7.564855766	675.8535767	9.745922089	0.184981212
18-ט.ד.-24 03:00:00	0.29056649	27.57022858	7.108627796	677.6148047	9.789720525	0.128057912
18-ט.ד.-24 04:00:00	0.21539688	27.45943069	7.267066228	679.4960327	9.851465223	0.235045716
18-ט.ד.-24 05:00:00	0.218750107	27.34863281	7.414756298	681.2805786	9.883876801	0.141722605
18-ט.ד.-24 06:00:00	0.285959787	27.23783493	7.508895399	682.1593018	9.917255402	0.059054352
18-ט.ד.-24 07:00:00	0.234660339	27.12703514	7.589590696	683.0380859	9.963056564	-0.070888691
18-ט.ד.-24 08:00:00	0.273637009	27.01623726	7.624338691	683.9168091	10.02512445	0.001300916
18-ט.ד.-24 09:00:00	0.244041061	26.90543938	7.666271687	684.7955322	10.02772617	0.008299571
18-ט.ד.-24 10:00:00	0.27705078	27.09082794	7.684131145	685.6743164	9.930245399	0.015298228
18-ט.ד.-24 11:00:00	0.2714135361	27.44519615	7.67829752	686.5530396	9.84759194	0.022296883
18-ט.ד.-24 12:00:00	0.07503937	28.9083004	7.650887012	687.4318237	9.305431366	0.029295539
18-ט.ד.-24 13:00:00	0.105049565	32.7642662	7.426640987	688.3156738	6.971907616	0.036294196
18-ט.ד.-24 14:00:00	0.130593986	36.20239317	7.373479843	689.2843018	5.231724262	0.04329285
18-ט.ד.-24 15:00:00	0.165069208	38.10448074	7.322999554	690.2528687	3.292315329	0.050291505
18-ט.ד.-24 16:00:00	0.156793267	38.81579208	7.291053772	691.2214966	3.347198725	0.060244065
18-ט.ד.-24 17:00:00	0.081187323	35.79393518	7.259107113	692.1901245	3.467669396	0.074705154
18-ט.ד.-24 18:00:00	0.055881201	32.19800568	7.208895683	693.1585724	5.489685768	0.027386289
18-ט.ד.-24 19:00:00	0.038355323	27.4747006	7.20005321	742.2399663	14.7230527139	0.03733924
18-ט.ד.-24 20:00:00	0.0185321272	28.35614967	7.794338226	728.2020532	10.28555515	0.119512038
18-ט.ד.-24 21:00:00	0.081149719	28.4311657	7.723941994	742.3041382	10.3428154	0.1319911506
18-ט.ד.-24 22:00:00	0.074319191	28.3073929	7.76211694	756.2611694	10.24257958	0.224739314
18-ט.ד.-24 23:00:00	0.1148170929	28.33042679	6.894564152	766.3132324	10.2614603	0.045179062
19-ט.ד.-24 00:00:00	0.212105026	28.13005638	7.03135252	776.3625954	10.2036581	0.093647083
19-ט.ד.-24 01:00:00	0.070609283	28.02968597	7.108943362	776.8567091	10.1140537	0.57436901
19-ט.ד.-24 02:00:00	0.069494442	27.92931557	7.186534406	776.3007202	10.01557636	-0.028518181
19-ט.ד.-24 03:00:00	0.1402819061	27.82894516	7.264125247	775.7453003	10.04821682	0.061930232
19-ט.ד.-24 04:00:00	0.215074005	27.72857475	7.337135116	775.1899414	10.02988052	-0.156194374
19-ט.ד.-24 05:00:00	0.158946228	27.62410545	7.245818158	774.6345215	10.01205138	-0.455664022
19-ט.ד.-24 06:00:00	0.175888443	27.51609039	6.839104176	774.0791626	10.0241251	286.1810608
19-ט.ד.-24 07:00:00	0.181459427	27.40807343	7.067148685	773.5237427	9.962778091	286.3661398
19-ט.ד.-24 08:00:00	0.19270279	27.30005836	7.189877073	773.0739746	9.931064606	286.1092854
19-ט.ד.-24 09:00:00	0.190474701	27.1920414	7.310159206	774.6306152	9.91411137	286.1361389
19-ט.ד.-24 10:00:00	0.216471481	27.37594795	7.369990349	776.1872559	9.923119545	285.8485107
19-ט.ד.-24 11:00:00	0.196562195	27.68998909	7.429821491	777.7438965	9.959309578	285.6122742
19-ט.ד.-24 12:00:00	0.220865033	27.80520439	7.332735293	780.0736084	9.832770454	285.6219177
19-ט.ד.-24 13:00:00	0.177470779	28.04970169	7.370734692	783.2772217	9.777963638	285.2516497
19-ט.ד.-24 14:00:00	0.2208427933	28.25253296	7.434040685	786.480835	9.873971939	284.8976135
19-ט.ד.-24 15:00:00	0.2718590881	28.3288765	7.475437164	805.694397	9.751887321	284.5877686
19-ט.ד.-24 16:00:00	0.2487116599	28.406744	7.466714382	904.2744141	9.050995827	284.4614563
19-ט.ד.-24 17:00:00	0.078893892	29.12314224	7.328616142	930.3302002	7.015897274	284.4181510
19-ט.ד.-24 18:00:00	0.069150507	28.75501823	7.290806931	930.7554321	5.436698914	284.2239075
19-ט.ד.-24 19:00:00	0.059407126	27.34417343	7.281527042	889.3152466	6.930895329	284.6671763
19-ט.ד.-24 20:00:00	0.049663745	26.38520813	7.103121281	892.7092285	4.791937828	284.5683289
19-ט.ד.-24 21:00:00	0.076178491	26.903759	6.75328255	540.0862427	9.778074265	284.7682495
19-ט.ד.-24 22:00:00	0.204391397	27.2853641	6.713568002	671.5808716	9.639100075	284.3308716
19-ט.ד.-24 23:00:00	49.75028229	27.26277351	7.628109455	693.6599121	9.710144043	284.0552063
20-ט.ד.-24 00:00:00	49.78594589	27.24018097	7.639739037	695.7739258	9.716053963	284.1620789
20-ט.ד.-24 01:00:00	49.80374908	27.10242081	7.651368618	697.8880005	9.741067886	283.9185791
20-ט.ד.-24 02:00:00	0.30191791	26.95734215	7.662998676	700.0020142	9.873924103	284.1777039
20-ט.ד.-24 03:00:00	0.48365021	26.81226349	7.674628258	702.1160278	9.827856064	284.142334
20-ט.ד.-24 04:00:00	0.397664795	26.66718674	7.686258316	704.2301025	9.968677521	283.5446777
20-ט.ד.-24 05:00:00	0.506351852	26.52210808	7.697878797	706.3441162	10.01089954	283.6769868

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*Remark
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Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW T/HR	WASTE WATER TEMP DEG C	WASTE WATER PH pH	WASTE WATER CONDUCTIVITY uS/CM	WASTE WATER D.O. mg/L	Raw water inlet flow T/HR
20-6-24 06:00:00	50.56113434	26.37703133	7.659645081	708.4581299	10.05312157	283.6098938
20-6-24 07:00:00	50.61743164	26.23195267	7.639247894	709.4121094	10.13805485	283.2156067
20-6-24 08:00:00	50.58351974	26.11003685	7.669007778	709.2314453	10.17603493	283.1586609
20-6-24 09:00:00	50.62578583	26.21388817	7.70781374	709.0507813	10.1282692	283.1796875
20-6-24 10:00:00	50.60200119	26.43925858	7.696660995	708.8701172	10.18594265	282.9152527
20-6-24 11:00:00	0.118260048	26.62465477	7.676207542	697.0723267	9.618396759	282.269928
20-6-24 12:00:00	48.65903854	25.91449547	7.85116148	346.0163879	10.30613327	282.6521917
20-6-24 13:00:00	47.69927979	25.9116486	8.019659042	232.447464	10.44295788	282.0879211
20-6-24 14:00:00	48.10535431	25.65136528	8.103639603	220.5311127	10.57988453	282.1842346
20-6-24 15:00:00	0.103254884	26.30714607	7.998290539	486.8518066	10.45789051	3.255903721
20-6-24 16:00:00	0.084302098	27.01899505	7.855279446	656.3723145	10.0010891	0.708416224
20-6-24 17:00:00	50.60392776	27.02547455	7.856937408	685.100647	10.11901379	0.123005874
20-6-24 18:00:00	50.58091431	26.95496559	7.859128952	686.7616577	10.10491467	0.338504821
20-6-24 19:00:00	50.52860718	26.88445663	7.861320496	688.3095703	10.11202717	0.554003716
20-6-24 20:00:00	50.52159805	26.81394768	7.863511562	689.8574219	10.07239151	1.339702606
20-6-24 21:00:00	50.52639332	26.74343872	7.829351902	691.4053345	10.0471439	2.585114956
20-6-24 22:00:00	50.58526001	26.67292976	7.791461945	692.9532471	10.13525677	-0.24819836
20-6-24 23:00:00	50.65289307	26.60242081	7.75357151	694.5011597	10.17887402	-0.199061662
21-6-24 00:00:00	50.77813721	26.53191185	7.667703152	696.0490112	10.18343163	0.06099556
21-6-24 01:00:00	50.7149086	26.41477103	7.38949728	697.5303955	10.13449955	0.208779186
21-6-24 02:00:00	50.76445389	26.28754425	7.388130665	698.6349487	10.10775089	0.583435178
21-6-24 03:00:00	0.085801758	26.16031837	6.656293869	699.739502	10.44442465	-0.001949114
21-6-24 04:00:00	50.65045929	26.03309441	7.061235428	700.8440552	10.17743206	0.107184887
21-6-24 05:00:00	49.94245911	25.9058653	7.36835289	701.9486084	10.2328701	-0.153461412
21-6-24 06:00:00	49.96025848	25.77862465	7.569067478	703.0531616	10.23185825	0.15088664
21-6-24 07:00:00	50.10968781	25.65141678	7.729725838	704.1577148	10.27150726	0.214314073
21-6-24 08:00:00	50.48940735	25.52419281	7.821912766	705.2622681	10.26266003	0.017211748
21-6-24 09:00:00	50.5832443	25.67916107	7.904317379	706.4520874	10.12361526	-0.008860784
21-6-24 10:00:00	50.51139069	25.91392326	7.955120564	707.911499	9.926350594	-0.034933317
21-6-24 11:00:00	50.57440567	26.25627518	7.995233536	709.3709106	-0.061005849	0.947071075
21-6-24 12:00:00	50.50003433	26.59862518	7.989369392	710.8303223	9.640645027	-0.042594116
21-6-24 13:00:00	-0.064578451	30.13179398	7.540266514	712.2897949	6.409649658	0.013881086
21-6-24 14:00:00	0.037223406	33.88173676	7.097180367	713.7492065	3.050133228	0.070356287
21-6-24 15:00:00	0.139025256	35.54175186	7.24282074	715.2086182	3.053418636	0.126831487
21-6-24 16:00:00	0.240827113	36.71270505	7.296896935	716.730896	3.056703806	0.183306694
21-6-24 17:00:00	0.154985651	34.32356644	7.311486244	718.8192139	3.06533289	0.179905713
21-6-24 18:00:00	0.056631532	30.64063454	7.220894814	720.9075928	3.211082395	284.9807798
21-6-24 19:00:00	50.7604828	26.38438225	8.043548584	597.9691772	10.93466568	285.563885
21-6-24 20:00:00	49.7952621	26.48011398	8.127298355	601.9540405	11.08296013	284.7398376
21-6-24 21:00:00	48.51564337	26.57370758	8.135977745	605.9389648	10.87704754	284.8905334
21-6-24 22:00:00	49.80497208	26.55945587	8.137219429	609.9238281	10.70935917	284.7168579
21-6-24 23:00:00	49.85404587	26.54520416	8.134504318	613.9087524	10.61989594	284.6295776
22-6-24 00:00:00	49.93721201	26.53095436	8.131789207	618.3798218	10.55981827	284.4388793
22-6-24 01:00:00	50.1663208	26.51670265	8.129074097	625.5182495	10.50800037	284.2842102
22-6-24 02:00:00	50.40764618	26.49027824	8.126358986	632.6567383	10.4567585	284.3872681
22-6-24 03:00:00	50.5349731	26.45810127	8.123643875	639.7952271	10.40956211	284.1750795
22-6-24 04:00:00	50.65386963	26.4259243	8.120928764	646.9336548	10.39716053	284.2664795
22-6-24 05:00:00	50.71524429	26.39374924	8.118213654	654.0721436	10.384758	284.0167542
22-6-24 06:00:00	50.68345261	26.36157227	8.115480423	661.2106323	10.40943813	283.6133118
22-6-24 07:00:00	50.68158722	26.32939529	8.112742424	667.4039917	10.424263	283.1125793
22-6-24 08:00:00	50.80570221	26.29373932	8.110004425	667.8052979	10.38474274	283.6840082
22-6-24 09:00:00	50.67832565	26.25739098	8.091495514	668.206665	10.38331509	282.9498291
22-6-24 10:00:00	50.986969	26.2576828	7.946732044	668.6079712	10.38907051	282.8362121
22-6-24 11:00:00	50.88021088	26.54245949	7.945074558	669.0092773	10.30000305	282.7285156
22-6-24 12:00:00	0.100885041	29.12508011	7.297202587	669.4105835	8.130164452	282.7167999
22-6-24 13:00:00	0.09599631	29.59718323	7.434780121	669.8118896	5.247944832	3.321406126
22-6-24 14:00:00	0.100102228	30.101414871	7.557949194	670.2131958	3.251961946	0.582579494
22-6-24 15:00:00	0.086210817	33.04756165	7.614428997	670.8942871	3.300295115	0.133462384
22-6-24 16:00:00	0.081139407	33.05866524	7.657883167	673.9468823	3.166358322	0.063599095
22-6-24 17:00:00	0.076428004	31.94679642	7.679323492	674.9995728	3.258231163	0.095524035
22-6-24 18:00:00	0.071336593	30.59069715	7.68963341	677.0521851	3.441865921	0.06663041
22-6-24 19:00:00	60.7542305	27.2905344	7.800928116	708.1412964	9.01683712	0.261682421
22-6-24 20:00:00	51.1237167	27.5613568	7.825629234	713.7559814	9.327462914	0.327462914
22-6-24 21:00:00	50.79721732	27.15030915	7.85033083	719.3706665	9.365558624	0.393243402
22-6-24 22:00:00	50.76434552	27.43141937	7.833775043	720.7704468	9.443489075	0.459023893
22-6-24 23:00:00	50.86065903	27.34379768	7.860440254	720.1663208	9.511152267	0.524804413
23-6-24 00:00:00	50.9170723	27.2561779	7.887105465	719.5621338	9.568814278	1.124966145
23-6-24 01:00:00	51.08192825	27.16855621	7.900379181	717.9580078	9.626475334	0.95061475
23-6-24 02:00:00	51.2320137	27.08093643	7.907722473	718.3538818	9.669798851	5.394164562
23-6-24 03:00:00	51.38851166	26.99331665	7.915065289	717.7496948	9.710368156	0.069041535
23-6-24 04:00:00	51.3428186	26.9042963	7.922408104	717.1455688	9.784525871	-0.064659923
23-6-24 05:00:00	51.48038101	26.78474045	7.929750919	716.5444295	9.847881317	0.060928658
23-6-24 06:00:00	51.60873032	26.6645565	7.937093735	716.7474976	9.947667122	-0.026031751
23-6-24 07:00:00	51.46208954	26.54437065	7.944436555	717.1238403	9.961304665	0.100374423
23-6-24 08:00:00	51.34381104	26.42418671	7.94481945	717.5001221	9.972543716	0.167249933
23-6-24 09:00:00	51.61262512	26.30400085	7.90511322	717.8764648	9.960611343	0.058918022
23-6-24 10:00:00	50.97922516	26.33653259	7.903439999	718.2527466	9.909214973	0.062457688

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*Remark
Copy value to column header.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
23-6-24 11:00:00	51.21127701	26.51351929	7.901767254	718.6290894	9.803220749	0.08300253
23-6-24 12:00:00	51.22948456	26.69050598	7.327356815	719.0053711	9.642780304	0.103547379
23-6-24 13:00:00	0.027881799	28.75926399	6.519839287	719.3817139	7.173699379	0.124092221
23-6-24 14:00:00	0.103229374	32.52427292	6.77516579	719.9705811	3.389810562	0.144637063
23-6-24 15:00:00	0.178576946	34.67216873	7.079044342	720.5614624	3.138021469	0.16518192
23-6-24 16:00:00	0.253924519	36.19672394	7.216166496	721.1524048	3.122995377	0.185726762
23-6-24 17:00:00	0.187845841	33.12422562	7.264651299	721.7433472	3.989639759	0.206271604
23-6-24 18:00:00	0.121176973	30.62571526	641.5140991	10.13997746	-0.004962822	0.13997746
23-6-24 19:00:00	0.054058105	27.31387901	8.137105942	638.296814	10.35888863	-0.046348833
23-6-24 20:00:00	52.39221191	27.31443787	7.751191139	641.9244385	10.49975014	0.014419585
23-6-24 21:00:00	50.3750626	27.28832245	7.696797371	649.0519409	10.32471752	0.728798151
23-6-24 22:00:00	50.70999146	27.20389938	7.712634563	651.0383911	10.32000256	-0.879554093
23-6-24 23:00:00	50.678566	27.11947632	7.728471279	653.0248413	10.38306332	0.255537987
24-6-24 00:00:00	51.01327133	27.03505325	7.744308472	655.0112915	10.394081	-0.904851079
24-6-24 01:00:00	51.23750305	26.95063019	7.760145187	656.9977417	10.479900867	0.212460173
24-6-24 02:00:00	51.1563765	26.86620712	7.775981903	658.9841919	10.42500973	-0.475879431
24-6-24 03:00:00	51.7895599	26.78178406	7.791841984	660.9706421	10.42866325	0.138969761
24-6-24 04:00:00	51.74055862	26.69735909	7.807722092	662.9570923	10.43340397	0.203081712
24-6-24 05:00:00	51.7242775	26.62994194	7.8236022	663.4758911	10.43871307	0.365280986
24-6-24 06:00:00	51.7176581	26.5820694	7.839482307	663.8441162	10.44895935	0.089919984
24-6-24 07:00:00	51.93950653	26.53419495	7.855361926	664.2123413	10.45843029	0.145662382
24-6-24 08:00:00	51.89516068	26.4863224	7.87124046	664.5805664	10.46790123	0.237176643
24-6-24 09:00:00	52.0451355	26.43844795	7.887122154	664.9487915	10.47373122	285.6588446
24-6-24 10:00:00	52.0722513	26.53411865	7.90665102	665.3170166	10.46885811	285.1603699
24-6-24 11:00:00	51.70284271	26.80134201	7.941571712	665.6852471	10.40414047	285.2658081
24-6-24 12:00:00	51.98759537	27.06856728	7.979492405	666.1444092	10.35193443	285.2996521
24-6-24 13:00:00	51.84068298	27.29785538	8.011412621	668.0720215	10.34024715	284.6344604
24-6-24 14:00:00	0.082431786	32.40510559	8.102734473	689.9996338	5.666488647	284.8157043
24-6-24 15:00:00	0.076923281	34.21357346	6.694808483	671.9274621	5.517922878	284.2990723
24-6-24 16:00:00	0.071414776	34.50080109	6.609741688	673.8547974	4.862532991	283.9998474
24-6-24 17:00:00	0.065906271	33.93069077	7.564222336	675.7824097	4.300066471	284.1541138
24-6-24 18:00:00	0.060397763	33.02067947	7.518702507	677.710022	4.251944542	283.7803345
24-6-24 19:00:00	0.054889254	27.5132103	7.777897358	679.9612427	9.386049271	284.1234741
24-6-24 20:00:00	0.049380749	27.4826088	7.786705494	682.8062134	9.490359306	283.8563389
24-6-24 21:00:00	52.25873184	27.45200729	7.79551363	685.6511841	9.61448547	284.1482239
24-6-24 22:00:00	51.44607498	27.42140579	7.804321766	688.4961548	9.627961159	283.7928467
24-6-24 23:00:00	51.39205798	27.39080429	7.813129902	690.8775024	9.670092583	283.9369812
25-6-24 00:00:00	52.0930832	27.36020279	7.821938038	691.4361572	9.703472180	283.8993835
25-6-24 01:00:00	51.84640884	27.28244544	7.830746174	691.994751	9.723637581	283.3650818
25-6-24 02:00:00	51.97649384	27.15205383	7.83955431	692.5534058	9.742581367	283.1862488
25-6-24 03:00:00	52.0693779	27.02126122	7.843822002	693.1120605	9.705411911	283.6773071
25-6-24 04:00:00	52.26959015	26.8904705	7.847801685	693.6707153	9.676503357	283.5417002
25-6-24 05:00:00	52.14024734	26.75967979	7.851781368	694.2293091	9.705420949	283.0560413
25-6-24 06:00:00	52.40520447	26.62888718	7.855761051	694.7879639	9.797673225	283.5858499
25-6-24 07:00:00	52.34496307	26.49806477	7.859740734	695.3212948	9.84828186	283.1806641
25-6-24 08:00:00	52.59155899	26.36730385	7.863720417	695.7731934	9.851043701	282.4644105
25-6-24 09:00:00	52.33448792	26.39503288	7.8677001	696.2342529	9.825949472	282.466156
25-6-24 10:00:00	52.3646431	26.53411484	7.873408318	696.6952515	9.762034416	282.7991313
25-6-24 11:00:00	52.44422104	26.69671249	7.896533012	697.15625	9.606424332	282.1221353
25-6-24 12:00:00	52.93306976	26.85932106	7.919658184	697.6173096	9.628335658	282.1721802
25-6-24 13:00:00	52.86535675	27.12954821	7.942782814	698.0763081	9.47568888	281.5496888
25-6-24 14:00:00	0.06665729	29.7326225	7.803073389	698.7393577	9.8393577	281.7948688
25-6-24 15:00:00	0.066884838	32.51963043	6.68058929	696.264185	5.2183204	281.9531022
25-6-24 16:00:00	0.067104019	33.6497266	7.53399137	700.255127	4.732179165	1.758837581
25-6-24 17:00:00	0.067232163	33.67175131	7.513995647	701.2438354	4.502011776	0.279535949
25-6-24 18:00:00	0.067542200	32.15643311	7.4893999481	702.232605	4.429292202	0.231930077
25-6-24 19:00:00	0.067761444	30.72339821	7.47403792	703.2213135	4.340852261	0.290932894
25-6-24 20:00:00	0.067980587	29.2903614	7.454008102	704.210022	4.221605992	0.34993571
25-6-24 21:00:00	51.88135529	27.49071121	7.908970356	688.3828735	10.030626	0.408938527
25-6-24 22:00:00	51.8243721	27.51430321	7.919487953	691.1127139	10.11113834	0.467941314
25-6-24 23:00:00	51.1688324	27.5378933	7.930006027	693.8425903	10.06842422	0.526944162
25-6-24 00:00:00	51.57478333	27.55673409	7.940523624	696.5724487	9.996292114	0.585946977
25-6-24 01:00:00	51.68104935	27.49886322	7.948019082	699.3022461	9.985713959	0.865979373
25-6-24 02:00:00	52.07764435	27.44099426	7.948822975	702.0321045	9.96898365	1.781185722
25-6-24 03:00:00	51.88258057	27.38312531	7.94962693	704.5125122	9.939482689	0.308419257
25-6-24 04:00:00	52.08045197	27.32525635	7.950439309	704.7821045	9.890190125	0.269948393
25-6-24 05:00:00	52.1605835	27.26738548	7.951234341	705.0517578	9.866531372	0.231477484
25-6-24 06:00:00	52.38765717	27.20951653	7.952038288	705.3213501	9.760170937	0.246901989
25-6-24 07:00:00	52.25918961	27.15164757	7.952842236	705.5910034	9.909451485	0.077130045
25-6-24 08:00:00	52.48994904	27.1247921	7.953645706	705.8605957	9.892217636	0.037734684
25-6-24 09:00:00	52.7751541	27.2182523	7.964675426	706.130249	9.636396408	0.034220129
25-6-24 10:00:00	52.78273895	27.30286026	7.987523079	706.3998413	9.774514198	0.030705577
25-6-24 11:00:00	52.37745667	27.39189529	8.010371208	706.963562	9.819591522	0.027191024
25-6-24 12:00:00	52.76541138	27.48092842	8.033218384	708.3901367	9.666235924	0.023676472
25-6-24 13:00:00	52.71662521	27.58201599	8.056066513	709.8167114	9.435528755	0.020161957
25-6-24 14:00:00	0.089716017	28.80196953	8.045236588	711.2432861	8.530389786	0.016647365
25-6-24 15:00:00	0.088136375	32.90251312	7.792345484	711.5558472	3.233792547	0.013132812

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*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV WASTE WATER OUTLET FLOW T/Hr	10GMB30CT001XQ01.PV WASTE WATER TEMP DEG C	10GMB30CQ001XQ01.PV WASTE WATER PH pH	10GMB30CQ002XQ01.PV WASTE WATER CONDUCTIVITY uS/CM	10GMB30CQ003XQ01.PV WASTE WATER D.O. mg/L	10GAC05CF001XQ01.PV Raw water inlet flow T/Hr
26-ธ.ค.-24 16:00:00	0.086556733	33.46780396	7.68162632	711.7689819	3.169493437	0.049356122
26-ธ.ค.-24 17:00:00	0.08497709	33.04488373	7.576828003	711.9820557	3.210556507	0.087855466
26-ธ.ค.-24 18:00:00	0.083397456	32.32771301	7.474493504	712.1951294	3.28634572	-0.132694885
26-ธ.ค.-24 19:00:00	0.081817813	31.21948624	7.450293541	712.4082642	3.366659403	-0.115452774
26-ธ.ค.-24 20:00:00	0.080238171	30.11125946	7.429010868	712.6213379	3.446972847	0.207575127
26-ธ.ค.-24 21:00:00	51.81928253	28.04904747	7.72922802	701.84552	7.989584446	0.208363682
26-ธ.ค.-24 22:00:00	52.26035309	28.09214973	7.763233185	697.9766846	8.355711937	0.506983876
26-ธ.ค.-24 23:00:00	51.33105469	28.13525009	7.797238827	697.6863403	8.597885132	-0.015503066
27-ธ.ค.-24 00:00:00	51.4440918	28.17835045	7.831244469	697.3959318	8.715258598	-0.003015994
27-ธ.ค.-24 01:00:00	51.51408005	28.22145271	7.858641148	697.1055908	8.615323067	-0.191467032
27-ธ.ค.-24 02:00:00	51.62330627	28.26455307	7.870095253	696.8152466	8.677867889	0.225473315
27-ธ.ค.-24 03:00:00	51.8785553	28.30765343	7.881548882	696.5248413	8.873492241	0.316965222
27-ธ.ค.-24 04:00:00	52.05158615	28.35075569	7.893002987	696.2344971	8.794296265	0.104195051
27-ธ.ค.-24 05:00:00	51.92503357	28.34079742	7.904456615	695.9440918	8.836606979	0.724215627
27-ธ.ค.-24 06:00:00	52.00384903	28.30687714	7.915910244	696.4009399	8.869750023	0.016008276
27-ธ.ค.-24 07:00:00	52.28475189	28.27295876	7.927364349	696.9232178	8.797967911	286.363798
27-ธ.ค.-24 08:00:00	52.25956881	28.23903847	7.938817978	697.4454956	8.592591286	285.8999939
27-ธ.ค.-24 09:00:00	52.36686707	28.20511818	7.946648121	697.9677124	8.4500494	285.4830667
27-ธ.ค.-24 10:00:00	52.28395187	28.25220108	7.949896336	698.4899902	8.280653954	285.3358495
27-ธ.ค.-24 11:00:00	52.39099503	28.35898972	7.953144073	699.0122681	8.093476295	285.5700989
27-ธ.ค.-24 12:00:00	52.40030391	28.48806572	7.956392288	699.5345459	7.681281567	285.7514098
27-ธ.ค.-24 13:00:00	52.004761575	29.87446976	7.882198334	700.0568237	5.933399677	285.0747986
27-ธ.ค.-24 14:00:00	0.042624842	34.079319	7.654248238	700.5505371	3.101477146	285.0525208
27-ธ.ค.-24 15:00:00	0.080488108	35.88412857	7.512016296	701.0430298	3.002245903	284.6183472
27-ธ.ค.-24 16:00:00	0.118351378	38.08686673	7.472036362	701.5355225	2.974736452	285.0479736
27-ธ.ค.-24 17:00:00	0.156076312	35.55422211	7.470303059	702.0280151	3.023088694	284.879425
27-ธ.ค.-24 18:00:00	0.182869762	33.27980042	7.468569756	702.5204468	3.134963989	284.9616699
27-ธ.ค.-24 19:00:00	0.209663212	31.43112946	7.466836452	703.0129395	3.246839285	284.7461548
27-ธ.ค.-24 20:00:00	0.236456648	29.3899784	7.468192823	660.6299438	9.331664085	285.1271667
27-ธ.ค.-24 21:00:00	0.033232564	29.70707512	7.819010445	667.5631104	9.781788826	285.0505981
27-ธ.ค.-24 22:00:00	70.53894806	29.74603844	7.687866211	667.352356	9.843962669	284.4503174
27-ธ.ค.-24 23:00:00	50.86285782	29.7048912	7.487326622	667.1416626	9.718774796	284.502685
28-ธ.ค.-24 00:00:00	50.18402557	29.66374397	7.480686665	666.9309562	9.691124916	284.5767882
28-ธ.ค.-24 01:00:00	50.78532791	29.62259674	7.529139519	666.7202148	9.670826912	284.263916
28-ธ.ค.-24 02:00:00	51.15475845	29.58144951	7.580408573	666.5095215	9.677350044	284.295929
28-ธ.ค.-24 03:00:00	51.81544876	29.54030228	7.631677628	666.2988281	9.69739151	284.0194702
28-ธ.ค.-24 04:00:00	52.0823471	29.49915504	7.682946682	666.1259155	9.717603683	283.1669687
28-ธ.ค.-24 05:00:00	52.43932724	29.45800781	7.734215736	666.3692627	9.750822067	283.3463745
28-ธ.ค.-24 06:00:00	52.80133438	29.3838501	7.785484791	666.6126099	9.757844925	283.9025896
28-ธ.ค.-24 07:00:00	53.31543732	29.30717468	7.835124969	666.8560181	9.770209312	283.7782219
28-ธ.ค.-24 08:00:00	53.25907898	29.23050117	7.870757103	667.0993652	9.785132408	0.844896376
28-ธ.ค.-24 09:00:00	53.56520081	29.15382576	7.906389236	667.3427124	9.796901703	0.248210371
28-ธ.ค.-24 10:00:00	53.58580127	29.13499451	7.94202137	667.5860596	9.787490845	0.732812941
28-ธ.ค.-24 11:00:00	54.19011307	29.29031372	7.977653503	667.8294067	9.806933403	-0.041792437
28-ธ.ค.-24 12:00:00	54.13737106	29.5884552	8.014507294	668.1017456	9.710446358	0.006266929
28-ธ.ค.-24 13:00:00	54.10614014	29.79553986	8.063072205	668.46875	9.697320938	-0.015822368
28-ธ.ค.-24 14:00:00	54.14615631	30.22486877	8.111638069	668.8357544	9.721964836	-0.18213512
28-ธ.ค.-24 15:00:00	0.160614878	32.87078094	7.886298656	669.2027588	6.128361702	0.188781545
28-ธ.ค.-24 16:00:00	0.145869851	33.3534584	7.742703915	669.5697632	3.064319372	0.312322259
28-ธ.ค.-24 17:00:00	0.131124824	32.6310997	7.681255817	669.9367676	3.114085674	0.342956394
28-ธ.ค.-24 18:00:00	0.11637979	31.90873718	7.619807243	670.3037109	3.225333929	0.321394265
28-ธ.ค.-24 19:00:00	0.101634756	31.07603455	7.558359146	670.6707153	3.365824222	0.299832165
28-ธ.ค.-24 20:00:00	0.086889721	30.18208122	7.547082901	666.1882324	3.447830677	1.327189922
28-ธ.ค.-24 21:00:00	52.5814316	29.81802177	7.76913929	646.4893188	8.605731964	5.608472824
28-ธ.ค.-24 22:00:00	52.5544838	29.70111465	7.650619507	645.387085	8.813173294	0.017910723
28-ธ.ค.-24 23:00:00	51.65464401	29.58420753	7.671322823	644.4053955	8.771146774	-0.053615853
29-ธ.ค.-24 00:00:00	51.8386261	29.46730232	7.701857567	643.423645	8.835389137	-0.125142425
29-ธ.ค.-24 01:00:00	51.90404892	29.3503952	7.742785454	642.4418945	8.848092079	0.099530295
29-ธ.ค.-24 02:00:00	52.11138953	29.23348808	7.783712864	641.460144	8.983107567	-0.019971734
29-ธ.ค.-24 03:00:00	52.1002739	29.11658287	7.824640751	640.4783936	9.009557724	0.0416787356
29-ธ.ค.-24 04:00:00	52.37657547	28.99867375	7.865568161	639.9566431	9.058587074	0.103457749
29-ธ.ค.-24 05:00:00	52.38157486	28.85249329	7.906496048	638.5949707	9.151211739	0.179708883
29-ธ.ค.-24 06:00:00	52.67088318	28.69931602	7.947423935	638.1678467	9.281482697	0.040075988
29-ธ.ค.-24 07:00:00	52.39428329	28.54613876	7.971940041	637.7406616	9.275832176	0.275968522
29-ธ.ค.-24 08:00:00	52.72019577	28.39295859	7.987179756	637.3135376	9.276270866	-0.092087448
29-ธ.ค.-24 09:00:00	52.18706894	28.23978233	8.002420425	636.8864136	9.184143066	-0.09093295
29-ธ.ค.-24 10:00:00	52.46443939	28.33262253	8.017660141	636.4592285	9.149879456	-0.096172489
29-ธ.ค.-24 11:00:00	52.78326086	28.47764587	8.03290081	636.0321045	9.15075779	-0.040285021
29-ธ.ค.-24 12:00:00	52.32381873	28.62266731	8.048140526	635.6049805	8.949583054	0.018098544
29-ธ.ค.-24 13:00:00	52.4410052	28.75394249	8.063381195	635.6640015	8.945858955	0.048231531
29-ธ.ค.-24 14:00:00	0.001097989	33.2329544	7.791470528	636.8650513	4.107783794	0.078364521
29-ธ.ค.-24 15:00:00	0.034057137	35.19496536	7.64609766	638.0661011	3.856925011	0.108497508
29-ธ.ค.-24 16:00:00	0.067016281	37.40653992	7.567090511	639.2671509	3.27666688	0.138630494
29-ธ.ค.-24 17:00:00	0.099975429	34.79518509	7.488082886	640.4682007	3.159849167	-0.107685715
29-ธ.ค.-24 18:00:00	0.13293457	31.1612606	7.41026783	641.6692505	3.211552382	-0.204402879
29-ธ.ค.-24 19:00:00	-0.047556385	28.75419426	7.374194145	642.8703003	3.347309351	0.455884635
29-ธ.ค.-24 20:00:00	0.015578803	28.94851875	7.819915771	606.0491333	8.907714844	0.153317943

December-24

*Remark
Copy value to the adjacent cell.

Time	10GMB40CF001XQ01.PV	10GMB30CT001XQ01.PV	10GMB30CQ001XQ01.PV	10GMB30CQ002XQ01.PV	10GMB30CQ003XQ01.PV	10GAC05CF001XQ01.PV
	WASTE WATER OUTLET FLOW	WASTE WATER TEMP	WASTE WATER PH	WASTE WATER CONDUCTIVITY	WASTE WATER D.O.	Raw water inlet flow
	T/HR	DEG C	pH	uS/CM	mg/L	T/HR
29-ธ.ค.-24 21:00:00	51.76719666	29.27598953	7.700665474	596.088501	9.764709473	-0.080472283
29-ธ.ค.-24 22:00:00	51.89698029	29.20783234	7.712505817	597.7841187	9.719192505	-0.279761702
29-ธ.ค.-24 23:00:00	51.24304962	29.13967705	7.754439831	599.4797363	9.834721565	-0.31753692
30-ธ.ค.-24 00:00:00	51.08071899	29.07151985	7.796373844	601.175293	9.656659126	0.878470361
30-ธ.ค.-24 01:00:00	51.75205612	29.00336456	7.838307858	602.8709106	9.745281219	0.863871634
30-ธ.ค.-24 02:00:00	51.51935196	28.93520737	7.880241394	604.5664673	9.822740555	0.664130867
30-ธ.ค.-24 03:00:00	52.23641968	28.86705017	7.922175407	606.262085	9.931716919	0.493128389
30-ธ.ค.-24 04:00:00	52.29086685	28.79889488	7.964109421	607.9577026	9.936135292	-0.123036832
30-ธ.ค.-24 05:00:00	52.26185608	28.73013115	8.006043434	609.1204834	9.9655056	-0.142963514
30-ธ.ค.-24 06:00:00	52.45607758	28.66108894	8.02836132	609.6674805	10.01441765	-0.331569403
30-ธ.ค.-24 07:00:00	52.36797714	28.59204483	8.044615746	610.2144775	10.00871277	287.7609558
30-ธ.ค.-24 08:00:00	52.49155807	28.52300262	8.060870171	610.7614746	9.970031738	287.0629883
30-ธ.ค.-24 09:00:00	52.39952759	28.45396042	8.077124596	611.3085327	10.00260353	286.9091187
30-ธ.ค.-24 10:00:00	52.44	28.61	8.09	611.86	10.06	286.87
30-ธ.ค.-24 11:00:00	52.66	28.98	8.11	612.40	9.98	286.41
30-ธ.ค.-24 12:00:00	52.26	29.35	8.13	612.95	9.89	286.94
30-ธ.ค.-24 13:00:00	-0.07	32.86	7.86	614.16	6.17	286.36
30-ธ.ค.-24 14:00:00	0.01	36.46	7.70	615.79	3.00	286.58
30-ธ.ค.-24 15:00:00	0.06	37.59	7.63	617.20	3.06	286.04
30-ธ.ค.-24 16:00:00	0.06	37.50	7.55	616.85	3.05	285.74
30-ธ.ค.-24 17:00:00	0.07	36.61	7.51	616.49	3.42	285.61
30-ธ.ค.-24 18:00:00	0.07	35.34	7.48	616.14	3.55	285.46
30-ธ.ค.-24 19:00:00	0.07	33.21	7.38	615.78	4.20	286.23
30-ธ.ค.-24 20:00:00	0.08	31.06	7.30	615.43	3.79	285.50
30-ธ.ค.-24 21:00:00	0.08	28.95	7.23	615.07	4.23	285.91
30-ธ.ค.-24 22:00:00	52.58	29.13	7.85	597.63	8.50	285.79
30-ธ.ค.-24 23:00:00	52.37	29.15	7.90	597.26	8.70	285.50
31-ธ.ค.-24 00:00:00	51.66	29.05	7.96	596.90	8.77	285.21
31-ธ.ค.-24 01:00:00	51.80	28.74	7.98	596.53	8.88	26.65
31-ธ.ค.-24 02:00:00	51.90	28.44	7.98	596.16	9.07	1.97
31-ธ.ค.-24 03:00:00	52.48	28.13	7.99	595.79	9.26	0.66
31-ธ.ค.-24 04:00:00	52.27	27.93	7.88	595.42	9.40	0.16
31-ธ.ค.-24 05:00:00	52.18	27.77	7.96	595.05	9.34	0.15
31-ธ.ค.-24 06:00:00	52.29	27.61	7.98	595.48	9.36	0.14
31-ธ.ค.-24 07:00:00	52.38	27.46	8.00	596.45	9.29	0.13
31-ธ.ค.-24 08:00:00	52.39	27.30	8.02	597.42	9.28	0.12
31-ธ.ค.-24 09:00:00	52.44	27.15	8.05	598.39	9.32	0.11
31-ธ.ค.-24 10:00:00	52.51	27.28	8.06	599.36	9.24	0.10
31-ธ.ค.-24 11:00:00	52.38	27.68	8.05	600.33	8.90	0.09
31-ธ.ค.-24 12:00:00	-0.02	32.73	7.69	601.30	4.41	0.14
31-ธ.ค.-24 13:00:00	-0.01	34.89	7.62	602.27	3.54	0.22
31-ธ.ค.-24 14:00:00	-0.01	37.44	7.57	603.35	3.08	0.30
31-ธ.ค.-24 15:00:00	0.00	38.08	7.53	604.46	3.09	0.38
31-ธ.ค.-24 16:00:00	0.00	37.47	7.51	605.58	3.07	0.45
31-ธ.ค.-24 17:00:00	0.01	35.81	7.50	606.69	3.19	0.47
31-ธ.ค.-24 18:00:00	0.01	34.02	7.48	607.80	3.40	-0.12
31-ธ.ค.-24 19:00:00	0.02	32.02	7.47	608.92	3.62	-0.11
31-ธ.ค.-24 20:00:00	0.02	29.97	7.48	610.03	3.79	-0.09
31-ธ.ค.-24 21:00:00	0.02	28.16	7.49	611.14	3.84	-0.08
31-ธ.ค.-24 22:00:00	0.02	26.80	7.50	611.51	3.95	-0.07
31-ธ.ค.-24 23:00:00	0.02	25.74	7.50	611.78	4.14	-0.05
01-ธ.ค.-25 00:00:00	0.03	24.70	7.33	612.06	4.15	-0.04