



PROJECT ENGINEER *for*

National Mission for Clean Ganga- Development, Rehabilitation with
Operation & Maintenance of STPs at Kanpur under Hybrid Annuity based
PPP mode

Shah Technical Consultants Private Limited

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Ref. STC / PE / KNP / 1489 /130 MLD Jajmau

Date :09.03.2022

To,
Superintend Engineer
Construction Circle,
Ganga Pollution Control
Unit,
Uttar Pradesh Jal Nigam,
Etawah

Email:se.etw.upjn@gmail.com

Sub: HAM KANPUR: Inspection Report of 130 MLD IPS and STP Jajmau facilities Phase I, Inspection done on 02.03.2022.

Dear Sir,

Kindly note that an inspection was conducted at 130 MLD STP & IPS facilities on 02.03.2022. Following UPJN & STC officials were present.

1. Mr. Ajeet kumar ,J.En Civil, UPJN, Kanpur
2. Mr. Shezeb Iqbal, J.En Civil, UPJN, Kanpur
3. Mr. Anuj Kushwaha, (Support Engineer- Civil),STC Kanpur

Please find enclosed the Inspection Report. Some major issues which are pending from long back are highlighted below for 130 MLD STP, IPSs and CSPS Jajmau facilities:-

1. Nawabganj IPS:-

- Overflow condition found during inspection.
- All Pumps need to be replaced of pump house No.1 under renovation.
- All Pumps need to be replaced of pump house No.2 under renovation.
- Raw sewage pumps, 3 Nos. of Pump House No. 2 were damaged due to flooding on 18.01.2022. They were refurbished/ repaired and delivered to site on 15.02.2022. Raw sewage pumps and motors of Pump house No. 2 were found at site but KRMPL has not installed them yet.
- Flow meter found non available at site.
- Panels, Voltmeter and Ammeters are not in working condition.
- Material Inward and outward registers has not maintained properly by KRMPL.
- Log book of pumps and DG set are not being maintained by KRMPL.
- KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details

2. Parmat IPS:-

- New Pumps need to installed for Pump house 01 and pump house 02
- Balance civil renovation work need to be done by KRMPL.
- Log book of pumps and DG set are not being maintained by KRMPL
- Flow meter found non-available at site.
- Panels, Voltmeter and Ammeters are not in working condition.
- Material Inward and outward registers has not maintained properly by KRMPL.
- KRMPL has not arranged adequate nos. of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff attendance details.

3. Baba Ghat IPS:-

- Pump no.03 need to be repaired by KRMPL.
- Material Inward and outward registers has not maintained properly by KRMPL.
- Log book of pumps and DG set are not being maintained by KRMPL.
- KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details.

4. Guptar Ghat IPS:-

- 1 no. out of 4 pumps is not in working condition since handover.
- Mechanical screen found non-functional at site.
- Balance civil renovation work need to be done by KRMPL.
- Chain of conveyer belt was not available.
- Flow meter found non-available at site.
- DG set found non-functional at the time of inspection.
- Transformer 1 is in under maintenance and not available at site from 13.12.2021.
- Diesel stock drum was also not available at site.
- Damaged handrails has not replaced by KRMPL yet.
- Log book of pumps and DG set are not being maintained by KRMPL.
- Material Inward and outward registers has not maintained properly by KRMPL.
- KRMPL has not arranged adequate nos. of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff attendance details.

5. CSPS Jajmau:-

- Adequate Power backup need to be arranged by KRMPL.
- Overflow condition need to be prevented by KRMPL.
- Mechanical screen 01 need to be repaired.
- Flow meter need to be arranged by KRMPL.
- CCTV needs to be arranged by KRMPL.
- Balance civil renovation work need to be done by KRMPL.
- Pump no. 01, 03 and 04 needs to be repaired.
- Mechanical screen found non-functional at site.
- Material Inward and outward registers has not maintained properly by KRMPL.
- KRMPL has not arranged adequate nos. of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff attendance details.

6. 130 MLD STP Plant:-

- Adequate quantity of power backup need to be arranged by KRMPL during shutdown of Power supply from Kesco.
- 11KV sub station, Transformer 02 need to be repaired urgently.
- Operational of mechanical screen need to be properly.
- Grit classifier no.2 need to be repaired.
- Organic pumps 01, 02 and 03 need to be proper operation.
- Primary sedimentation 01 need to be renovate as per approved plan.
- Landscaping work need to be done.
- Disposal of garbages, grit and sludge need to be done as per specified location.
- 12 Nos. of new aerators need to be supplied and installed.
- Final sedimentation tank 01 need to be renovate as per approved plan.
- 2 Nos. of balance new RSPH pumps need to be installed.
- Balance TEPH pumps need to be installed.
- Utilities shifting work need to be done by KRMPL before stated the execution work of new TEPH and CCT facilities.
- Sludge thickener 01 and 02, Blending need to be renovated as per approved renovation plan.
- Digested sludge pumps need to be replaced as approved renovation plan.
- Primary Sludge digester no 1 , 02, Secondary sludge digester, Gas holder tank 01 and 02 need to be renovate at earliest as per approved renovation plan.
- Centrifuge building need to be renovated as per plan.
- DSPH pumps need to be replaced as per approved renovation plan.
- Approach road/Pathway work need to be started by KRMPL.

Your kind attention is required at the “Original Date of Issue” for long pending items and instructs the Concessionaire to submit the compliance report for compliance of all issues / deficiencies as indicated in the inspection report.

Encl: Inspection report of 130 MLD STP
Inspection report of 130 MLD IPS

Yours sincerely



(Dr. Giridhar Prabhukumar)
Team Leader, STC Kanpur

Copy to the following with enclosure for information:

1. Mr. Rajat Gupta , SWMS,NMCG, New Delhi
2. Ms. Nidhi Dwivedi, Project officer (Technical),NMCG, New Delhi
3. Chief Engineer, Kanpur Zone, UP Jal Nigam, Kanpur.
4. PM-Ist, PM-IIIrd, PM-E&M, GPCU, UP Jal Nigam, Kanpur.
5. Mr. P.C. Shukla, Concessionaire's Representative
6. Project Manager,Kanpur River Management Pvt. Ltd., Kanpur.
7. Construction Manager , Kanpur River Management Pvt. Ltd., Kanpur

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SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT					Nawabganj IPS 15 MLD	Date: 02/03/2022	INSPECTED BY: UPJN Representative Mr Ajeet Singh-Jen Civil STC Representatives 1. Mr Anuj Kushwaha-Support Engineer Civil KRMPL Representatives 1. Mr Dharmendra Pratap Singh, KRMPL personnel
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
1	All work						
1	Inlet Over Flow Condition	Overflow condition found since handover		<ol style="list-style-type: none"> 1. During site visit overflow is continue since handover 28.06.2021. 2. No action taken by KRMPL after several times informed by NMC, UPJN and STC representatives. 3. Under renovation of IPS Nawabganj, KRMPL need to stop overflow condition of sewage by increasing adequate pumping. 	28.06.2021		Long Pending
2	Inlet Chamber	<ol style="list-style-type: none"> 1. Cleaning of inlet chamber need to be done. 2. Staircase damaged tile need to renovate. 		<ol style="list-style-type: none"> 1. Cleaning of inlet chamber need to be done. 2. Staircase damaged tile need to renovate. 	23.11.2021		Long Pending
3	Screen Chamber	1. Garbages was available.		<ol style="list-style-type: none"> 1. Garbage cleaning work need to be compulsory. 2. Garbages Trolly need to be available at site. 	23.11.2021		Pending
4	Receiving Chamber 1	Overflow condition found since handover		<ol style="list-style-type: none"> 1. Proper pumping arrangement need to be done by KRMPL. 2. Receiving chamber need to be clean. 3. Manual screen need to be installed under renovation. 4. After cleaning work of this chamber required renovation work need to be done. 	28.06.2021		Long Pending
5	Receiving Chamber 2	Overflow condition found since handover		<ol style="list-style-type: none"> 1. Proper pumping arrangement need to be done by KRMPL. 2. Receiving chamber need to be clean. 3. After cleaning work of this chamber required Renovation work need to be done. 4. Manual screen need to be installed under renovation. 5. KRMPL is using ZHP submersible pump for dewatering this chamber but this is insufficient pumping. 	28.06.2021		Long Pending

6	Pump House No.1	Civil Structure in unsatisfactory Condition	 <p>Decimal DMS Kanpur Uttar Pradesh India Latitude 26.498628 26°29'55" N Longitude 80.316192 80°18'58" E 2022-03-04 (Wed) 10:34(am)</p>	<p>1.Surface roof treatment is pending for Pump house. 2.All indoor lightening need to be replaced. 3. Exhaust fan 2 Nos need to be replaced. 4. Cable to be lay in the cable tray properly. 5. KRMPL has painted the pump house no 1 with poor workmanship. This should be rework. 6. Log book is not proper maintaining by KRMPL staff as per prescribed format. 7. New 3 Nos of pumps have recieved at site on 31.12.2021 for Pump House 01 (2 Nos. 300cum/hr and 1 Nos 156 cum/hr). 8. Flow meter need to be installed by KRMPL. 9. 2 Nos light is not working. 10. Foundation work of pump house 01 need to be start by KRMPL. 11. Electrical hoist need to be replaced as per renovation plan. 12. Outdoor lightening not fixed properly.</p>	23.11.2021		Pending
i	Pump no.1 (Capacity =297 m3/hr)	Pumps found functional		Need to be replaced as per Renovation Plan	23.11.2021		Pending
ii	Pump no.2 (Capacity =156 m3/hr)	Pumps is in under maintenance from 25.02.2022		Need to be replaced as per Renovation Plan	23.11.2021		pending
iii	Pump no.3 (Capacity =297m3/hr)	Pumps found functional	 <p>Decimal DMS Kanpur Uttar Pradesh India Latitude 26.498618 26°29'55" N Longitude 80.316199 80°18'58" E 2022-03-02(Wed) 10:34(am)</p>	Need to be replaced as per Renovation Plan	23.11.2021		Pending
7	Pump House No.2	Civil Structure in unsatisfactory Condition	 <p>Decimal DMS Kanpur Uttar Pradesh India Latitude 26.498487 26°29'54" N Longitude 80.316228 80°18'58" E 2022-03-02(Wed) 10:37(am)</p>	<p>1.Surface roof treatment is pending for Pump house 2. Consessionare is using this room as a store room stacking of Cement bags and diesel drum. 3. Exhaust fan 2 nos need to be replaced. 4. Tube light 1 nos need to be replaced. 5. Pump House pump found not to be working. 6. KRMPL has done painting work inside and outside of the pump house no 1 with poor workmanship. This should be rework. 7. Discharge line of the pumps to be dismantled by KRMPL without any information to UPJN/STC. 8. Dismantling of pumps done by KRMPL without any information to UPJN/STC. 9. Raw sewage pumps, 3 Nos. of Pump House No. 2 were damaged due to flooding on 18.01.2022. They were refurbished/ repaired and delivered to site on 15.02.2022. Raw sewage pumps and motors of Pump house No. 2 were found at site but KRMPL has not installed them. 10. NIV & Electrical hoist need to be replaced as per renovation plan.</p>	23.11.2021		Pending
8	Open Channel and Sluice Gate	Civil Structure in unsatisfactory Condition		<p>1. KRMPL has not submitted and approval of fabrication work. 2. Sluice gate need to be replace under renovation.</p>	23.11.2021		Pending

9	Boundary wall and landscaping area	Civil Structure in unsatisfactory Condition		<p>1.KRMPL has painted the boundary wall with poor workmanship. This should be rework. 2. Cleaning work of campus area need to be done by KRMPL. 3. 8 Nos of outside lights only 4 Nos is in working condition.</p>	23.11.2021		Pending
10	Valve Chamber	Civil Structure in unsatisfactory Condition		<p>1. Valve chamber should be plastered and Covered properly. 2. All valves need to be replace.</p>	23.11.2021		pending
11	Transformer Yard	Civil Structure in satisfactory Condition	 <p style="text-align: center;"> Kanpur Uttar Pradesh India 2022-03-02(Wed) 10:37(am) </p> <p style="text-align: center;"> Decimal DMS Latitude 26.498457 26°29'54" N Longitude 80.316228 80°18'58" E </p>	<p>1. Yard area need to be clean</p>	23.11.2021		Pending
12	DG set room	Civil Structure in satisfactory Condition	 <p style="text-align: center;"> Kanpur Uttar Pradesh India 2022-03-02(Wed) 10:34(am) </p> <p style="text-align: center;"> Decimal DMS Latitude 26.498618 26°29'55" N Longitude 80.316199 80°18'58" E </p>	<p>1. DG set is in working condition. 2. Log book of DG set is not maintaining by KRMPL. 3. Diesel surplus quantity is not available at site. 4. Smog exhaust pipe length is not sufficient as per CPCB/CPHEEO guidelines.It must be replaced on urgent basis.</p>	23.11.2021		Pending
13	Metering Room	Civil Structure in unsatisfactory Condition	 <p style="text-align: center;"> Kanpur Uttar Pradesh India 2022-03-02(Wed) 10:34(am) </p> <p style="text-align: center;"> Decimal DMS Latitude 26.498606 26°29'54" N Longitude 80.316206 80°18'58" E </p>	<p>1. Seepage is available in the wall of this room this should be rectified. 2. Panel Volt meters and Ammeters need to be replaced. 3.All Phase Indicator need to be replaced.</p>	23.11.2021		pending

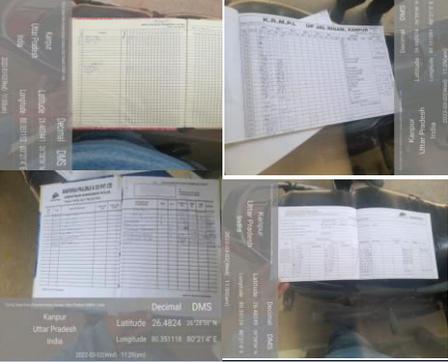
14	Logbook	Log book of pump house 01 not maintained by KRMPL		<ol style="list-style-type: none"> 1. Log book of pumps and DG set are not being maintained by KRMPL. 2. KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 3. KRMPL need to maintain Visitor Register. 4. Security guard need to be deploy. 5. No labour deploy by KRMPL for renovation work. 	28.06.2021		Long Pending
STC SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT					Parmat IPS	Date: 02/03/2022	INSPECTED BY: UPJN Representative Mr Ajeet Singh-Jen Civil STC Representataves 1. Mr Anuj Kushwaha-Support Engineer Civil KRMPL Representatives 1. Mr Dharmendra Pratap Singh, KRMPL personnel
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
A	All work						
1	Inlet Chamber	Civil Structure is in satisfactory condition		<ol style="list-style-type: none"> 1. Renovation work need to done with all respect in inlet chamber. 3. Cleaning and landscaping need to be done. 5. KRMPL need to deploy a security guard for this IPS. 	23.11.2021		Pending
2	Screen Chamber	Civil Structure is in satisfactory condition		<ol style="list-style-type: none"> 1. Renovation required inner and outer surface of this chamber. 2. Plaster work need to be done. 3. Cleaning and landscaping need to be done. 4. MS frame cover should be painted. 	23.11.2021		Pending
3	Receiving Chamber	Civil Structure is in satisfactory condition		<ol style="list-style-type: none"> 1. Renovation required inner and outer surface of Receiving chamber in all respect. 2. Garbages material need to remove on timely basis. 3. Cleaning and landscaping need to be done. 4. MS frame cover should be painted. 	23.11.2021		Pending

4	Pump house No. 1	Civil Structure is in unsatisfactory condition	 	<ol style="list-style-type: none"> 1. Painting work carried out by KRMPL for Outer and inner surface of Pump house but workmanship found very poor. These all are represent improper quality of painting work. 2. Replacement of damaged Door/window,louvers and ventilators. 3. Outdoor lighteninging 10 Nos are available at site and only 4 Nos lights are in working condition. 4. DG set is not working for Pump house 01. 5. Flow meter need to be installed by KRMPL. 6. Dewatering pumps need to be arrange at bottom of Pump house. 7. Flooring work need to be carried out by KRMPL. 8. Internal lightening arrangement need to be replaced for DG set room of Pump house 01. 9. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 10. Pipeline and all type valves need to be replaced. 	23.11.2021		Pending
i	Pump No.1(pump capacity =900 m3/hr)	Pump found operational		Need to be replaced as per Renovation Plan	23.11.2021		Pending
ii	Pump No.2(pump capacity =900 m3/hr)	Pump found operational		1. Need to be replaced as per Renovation Plan.	23.11.2021		Pending
5	Pump House No.2	Civil Structure is in unsatisfactory condition	 	<ol style="list-style-type: none"> 1. No labour egaged by KRMPL for renovation work. 2. Painting work need to be rework with proper workmanship and material as per recommended by UPJN and PE. 3. KRMPL did not submit any work plan, Methodology and material approval form PE / UPJN. 4. Required repairing the cracks, Finishing activity painting work, Replacement of damaged Door/window/louvers and ventilators. 5. All indoor lightening need to be replaced. 6. Dewatering pumps need to be arrange at bottom of Pump house. 7. Flooring work need to be carried out by KRMPL. 8. Flow meter need to be installed by KRMPL. 9. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 10. Pipeline and all type valves need to be replaced. 	15.12.2021		Pending
i	Pump No.1(pump capacity =1320 m3/hr)	Non operational		<ol style="list-style-type: none"> 1. During site visit it was found that pump no 1 was not in working condition since handover of this IPS. 2. Need to be replaced as per Renovation Plan 	23.11.2021		Pending
ii	Pump No.2(pump capacity =1320 m3/hr)	Non operational		1. Need to be replaced as per Renovation Plan	23.11.2021		Pending

iii	Pump No.3 (pump capacity =1320 m3/hr)	Operational	 <p>119, Purania Kanpur, Kanpur, Uttar Pradesh 208001, India</p> <p>Decimal DMS Latitude 26.485502 26°29'7" N Longitude 80.344153 80°20'38" E</p> <p>2022-03-02(Wed) 10:56(am)</p>	1. Need to be replaced as per Renovation Plan	23.11.2021		Pending
6	Pump House No. 3	Civil Structure is in unsatisfactory condition	 <p>119, Purania Kanpur, Kanpur, Uttar Pradesh 208001, India</p> <p>Decimal DMS Latitude 26.485294 26°29'7" N Longitude 80.344141 80°20'38" E</p> <p>2022-03-02(Wed) 10:58(am)</p>	<ol style="list-style-type: none"> 1.Required repairing the cracks, Finishing activity painting work, Replacement of damaged Door,window,louvers and ventilators. 2. Pump 3 Nos found not in working condition. 3. Design and drawing for E&M shall be submitted by KRMPL. 4. Outside and inside painting work done by KRMPL under renovation. 	23.11.2021		Pending
7	DG room	Civil Structure is in unsatisfactory condition	 <p>119, Purania Kanpur, Kanpur, Uttar Pradesh 208001, India</p> <p>Decimal DMS Latitude 26.485280 26°29'7" N Longitude 80.344091 80°20'38" E</p> <p>2022-03-02(Wed) 10:57(am)</p>	<ol style="list-style-type: none"> 1.Required repairing the cracks, Finishing activity painting work, Replacement of damaged Door,window,louvers and ventilators. 2. KRMPL had completed surface roof treatment without any approval of construction methodology of surface roof treatment. 4. KRMPL is not maintaining the log book of DG set. 5. Smog exhaust pipe length is not sufficient as per CPCB/CPEEG guidelines. It must be replaced on urgent basis. 	23.11.2021		Pending
8	Metering room	Civil Structure is in unsatisfactory condition	 <p>119, Purania Kanpur, Kanpur, Uttar Pradesh 208001, India</p> <p>Decimal DMS Latitude 26.485284 26°29'7" N Longitude 80.344053 80°20'38" E</p> <p>2022-03-02(Wed) 10:57(am)</p>	<ol style="list-style-type: none"> 1. Inside and outside painting work done by KRMPL under renovation. 2. Replacement of damaged Door,window,louvers and ventilators is pending. 3. Flooring work need to be renovate. 	23.11.2021		Pending
9	Panel Room	Civil Structure is in unsatisfactory condition		<ol style="list-style-type: none"> 1. Inside and outside painting work done by KRMPL under renovation. 2. Replacement of damaged Door,window,louvers and ventilators. 2. Panel Volt meters and Ammeters need to be replaced. 3. All Phase Indicator need to be replaced. 	23.11.2021		Pending
10	Logbook	Log book of pump house 01 and pump house no. 02 has not maintained by KRMPL properly	 <p>119, Purania Kanpur, Kanpur, Uttar Pradesh 208001, India</p> <p>Decimal DMS Latitude 26.485284 26°29'7" N Longitude 80.344053 80°20'38" E</p> <p>2022-03-02(Wed) 11:00(am)</p>	<ol style="list-style-type: none"> 1. Log book of pumps and DG set are not being maintained by KRMPL. 2. KRMPL has not arranged adequate number of staff (Operators, Sweepers and relieves) for proper O&M of IPS and attendance register manipulated staff details. Operators are non technical person. They are not understanding the Pump Capacity, Flow of Discharge, Peak Flow and maintain the records. 3. KRMPL need to maintain Visitor Register. 4. Security guard need to be deploy. 5. No labour available by KRMPL for renovation work. 	23.07.2021		Pending

STC		SITE INSPECTION OF JAJIMAU ASSOCIATED IPS REPORT				Baba Ghat -7 MLD	Date: 02/03/2022	INSPECTED BY: UPJN Representative Mr Ajeet Singh-Jen Civil STC Representatives 1. Mr Anuj Kushwaha-Support Engineer Civil KRMPL Representatives 1. Mr Dharmendra Pratap Singh, KRMPL personnel
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance	
A								
All work								
1	Inlet Over Flow Condition	During site visit it was found that there are no Overflow or Bypass of sewage found.		1. During site visit it was found that there are no Overflow or Bypass of sewage found. 2. Raw sewage by-pass sluice gate need to be replaced. Design,drawing need to be submitted by KRMPL.	4.01.2022		Pending	
2	Inlet Chamber (Civil)	Civil Structure is in satisfactory condition		1. All gates need to be lubrication. 2.Sludge need to be remove from inlet part of IPS.	23.11.2021		Pending	
3	Screen Chamber	Civil Structure is in satisfactory condition		1. Garbages removal work should be done on regular basis. 2. Trolly need to be available at side for disposal of gargaes.	23.11.2021		Pending	
4	Receiving chamber	Civil Structure is unsatisfactory condition.		1. Chamber need to be clean and cover properly. 2. All valves need to be replace. 3. All stud bolts and gasket need to be replace. 4. Lubrication for valves and pumps, sluice gates need to be done by KRMPL 5. Pressure guage need to be provided by KRMPL.	15.12.2021		Pending	

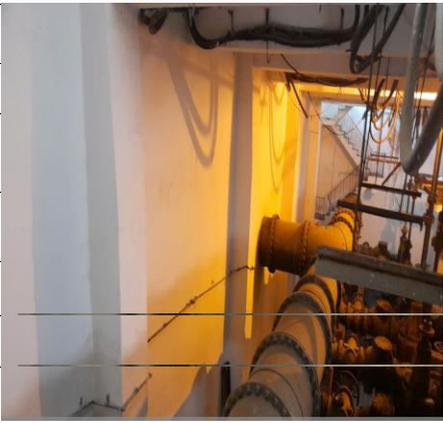
5	Pump House	Civil Structure is in good condition.	 <p>Decimal DMS Latitude 26.482304 26°28'56" N Longitude 80.351057 80°21'13" E 2022-03-02(Wed) 11:26(am)</p>	<ol style="list-style-type: none"> 1. Exposure of steel in staircase bottom slab need to be renovate. 2. Inside the pump house, Light is not working. 3. EOT load test required by KRMPL. 4. Flow meter need to be installed by KRMPL. 5. Log book is not proper maintaing by KRMPL staff at site with all details. 6. Staircase is in bad condition and need to be renovate. 7. Cable dressing need to be done properly. 8. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 9. 90m3/hr pump is not working since 18.01.2022 	23.11.2021		Pending
i	Pump no.1(Capacity=20HP)	Operational from 01.03.2022		Need to be replaced as per Renovation Plan	15.12.2021		Pending
ii	Pump no.2(Capacity=12.5 HP)	Operational from 01.03.2022		Need to be replaced as per Renovation Plan	23.11.2021		Pending
iii	Pump no.3(Capacity=20HP)	Non-Operational	 <p>Decimal DMS Latitude 26.48234 26°28'56" N Longitude 80.351147 80°21'14" E 2022-03-02(Wed) 11:26(am)</p>	Need to be replaced as per Renovation Plan	23.11.2021		Pending
6	Boundary wall and landscaping area	Civil Structure is in good condition.	 <p>Decimal DMS Latitude 26.48235 26°28'56" N Longitude 80.350943 80°21'7" E 2022-03-02(Wed) 11:26(am)</p> <p>Decimal DMS Latitude 26.48266 26°29'57" N Longitude 80.350507 80°21'1" E 2022-03-02(Wed) 11:26(am)</p>	<ol style="list-style-type: none"> 1. Fencing work is pending. 2. Only 1 Nos outdoor light is working condition out of 4 Nos. 3. Security guard need to be arrange by KRMPL. 4. Cleaning work need to be carried out by KRMPL. 	23.11.2021		Pending
7	Panel Room	Structure is in unsatisfactory condition	 <p>Decimal DMS Latitude 26.48234 26°28'56" N Longitude 80.351024 80°21'7" E 2022-03-02(Wed) 11:26(am)</p> <p>Decimal DMS Latitude 26.48246 26°28'56" N Longitude 80.351024 80°21'7" E 2022-03-02(Wed) 11:26(am)</p>	<ol style="list-style-type: none"> 1. Front door glass need to be repair. 2. Panel Volt meters and Ammeters need to be replaced. 3. All Phase Indicator need to be replaced. 4. Rain water pipe need to be fixed. 	23.11.2021		Pending
8	DG Room	Civil Structure is in good condition.	 <p>Decimal DMS Latitude 26.48233 26°28'57" N Longitude 80.35134 80°21'4" E 2022-03-02(Wed) 11:26(am)</p> <p>Decimal DMS Latitude 26.48234 26°28'57" N Longitude 80.35104 80°21'4" E 2022-03-02(Wed) 11:26(am)</p>	<ol style="list-style-type: none"> 1. Need to be replaced immediately DG set. 2. KRMPL is not maintaining the log book for DG set. 3. Smog exhaust pipe length is not sufficient as per CPCB/CPHEEO guidelines. It must be replaced on urgent basis. 	23.11.2021		Pending

9	Store Room	Civil Structure is in unsatisfactory condition.		1. Door need to be fixed. 2. Dampness should be removed as per equired action. 3. Electric switch board need to be replace	23.11.2021		Pending
10	Logbook	Logbooks are not maintain properly by KRMPL		1. Log book of pumps and DG set are not being maintained by KRMPL. 2. KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details. Operators are non technical person. They are not understanding the Pump Capacity, Flow of Discharge, Peak Flow and maintain the records. 3. KRMPL need to maintain Visitor Register. 4. Security guard need to be deploy. 5. No labour available by KRMPL for renovation work.	28.06.2022		Pending
STC SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT					Guptar Ghat	Date: 02/03/2022	INSPECTED BY: UPJN Representative Mr Ajeet Singh-Jen Civil STC Representatives 1. Mr Anuj Kushwaha-Support Engineer Civil KRMPL Representatives 1. Mr Dhermendra Pratap Singh, KRMPL personnel
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
A							
All work							
1	Inlet Over Flow Condition	No over flow		During site visit it was found that there are no Overflow/Bypass of sewage not found as on 02.03.2022	02.03.2022		Pending
2	Inlet Chamber	Civil Work is in satisfactory Condition		1. All gates need to be lubrication.	15.12.2021		pending
3	Manual bar Screen Chamber	Civil Work is in satisfactory Condition		1. Garbages need to be remove on regularly. 2. Garbage trouilly need to be available at Site.	23.11.2021		pending

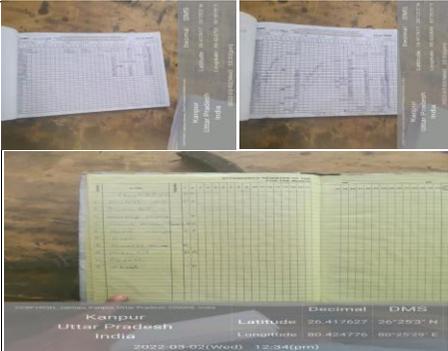
<p>4</p>	<p>Mechanical bar screen Chamber</p>	<p>Civil Work is in satisfactory Condition</p>		<ol style="list-style-type: none"> Both mechanical screen and conveyor belt found non-operational at the time of inspection. It was started when asked by URIN/STC representative. Screen No. 1, Chain is not in proper alignment. Auto System and level sensor meter is not in working condition. Screen panel On/Off main power selector switch has been found in not working properly. Screen No. 2 is in working condition. Conveyor belt is in working condition. Garbages need to be remove on regularly. Garbage trouly need to be available at Site. All leakages of Oil need to be repair. Conveyor belt is not working in auto mode. Screen No 1 is not working in manual mode. 	<p>15.12.2021</p>		<p>pending</p>
<p>5</p>	<p>Pump House</p>	<p>Civil Work is in satisfactory Condition</p>		<ol style="list-style-type: none"> Pump No 1, 2 and 3 is in working condition. Pump no 4 is found non-operational since 18.01.2022. EOT crane painting work is pending and Test certificate of load test also required. Only 3 Nos of light is in woking condition out of 7 Nos in IPS campus. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge , Peak flow and maintain the records. 	<p>23.11.2021</p>		<p>pending</p>
<p>6</p>	<p>Panel room</p>	<p>Civil Work is in satisfactory Condition</p>		<ol style="list-style-type: none"> Pump flow meter is not in woking conditio sice handover. 	<p>23.11.2021</p>		<p>pending</p>
<p>7</p>	<p>Metering room</p>	<p>Civil Work is in satisfactory Condition</p>		<ol style="list-style-type: none"> Meter room need to be clean with proper facility of Electric switch and light inside the room. 	<p>23.11.2021</p>		<p>pending</p>

8	DG room	Civil Work is in satisfactory Condition		<ol style="list-style-type: none"> DG set is not in working condition. Log book of DG set is not maintain by KRMPL. Smog exhaust pipe length is not sufficient as per CPCB/CPHEEO guidelines. It must be replaced on urgent basis. 	23.11.2021		pending
9	Transformer yard	Civil Work is in satisfactory Condition		<ol style="list-style-type: none"> Transformer No 1 is not available at site since 13.12.2021 Transformer yard area need to clean. All earthing chamber need to be cover. 	13.12.2021		pending
10	Handrailing work	Unsatisfactory Condition		<ol style="list-style-type: none"> Damaged hand railing need to be repair. Security guard need to be arrange by KRMPL 	23.11.2021		pending
11	Logbook/Records/Documentation	Logbooks are not maintain properly by KRMPL		<ol style="list-style-type: none"> Log book of pumps and DG set are not being maintained by KRMPL. KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. KRMPL need to maintain Visitor Register. Security guard need to be deploy. No labour available by KRMPL for renovation work. 	23.07.2021		Pending
STC SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT					CSPS Jajmau	Date: 02/03/2022	INSPECTED BY: STC Representative 1. Mr Anuj Kushwaha-Support Engineer Civil KRMPL Representative 1. Mr. Shri Krishna verma , 130 MLD STP Plant Incharge 2. Mr. Akshay Tripathi, Process Expert, KRMPL
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
A	All work						

1	Ganga Ghat Inlet Chamber	Operational	 <p>DCRFHQH, Jajmau, Kanpur, Uttar Pradesh 208008, India Kanpur Uttar Pradesh India Decimal DMS Latitude 26.417535 26°25'3" N Longitude 80.424872 80°25'29" E 2022-03-02(Wed) 12:38(pm)</p>	<ol style="list-style-type: none"> 1. Overflow condition was found at 12.02.22, 21.02.22 and 22.02.22 at CSFS Jajmau. 2. Proper barrication required. 3. Cleaning work need to be done. 4. Balance renovation work need to be done by KRMLP. 5. 2 Nos gate to be replaced as per CA schedule 11 . 6. Bypass gate gear system is in working condition . 	16.12.2021		Pending
1	Receiving chamber-1	Civil work is in satisfactory condition	 <p>DCRFHQH, Jajmau, Kanpur, Uttar Pradesh 208008, India Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418077 26°25'5" N Longitude 80.42509 80°25'30" E 2022-03-02(Wed) 12:24(pm)</p>	<ol style="list-style-type: none"> 1. Cleaning work need to be done. 2. Balance renovation work need to be done by KRMLP. 3. Hand rail need to be repair. 4. Level marking work need to be done by KRMLP. 	23.11.2021		Pending
2	Manual bar Screen Chamber	Civil work is in satisfactory condition	 <p>DCRFHQH, Jajmau, Kanpur, Uttar Pradesh 208008, India Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418064 26°25'5" N Longitude 80.425165 80°25'30" E 2022-03-02(Wed) 12:24(pm)</p>	<ol style="list-style-type: none"> 1. Garbages need to be remove regularly. 2. KRMLP is dumping the garbage in CSFS Jajmau Campus. 3. Balance renovation work need to be done. 4. MS screen need to be replace. 5. Plaster work need to be done with proper quality. 6. Garbage trolly need to available at site 	16.12.2021		Pending
3	Mechanical Coarse Screen chamber	Civil work is in satisfactory condition	 <p>DCRFHQH, Jajmau, Kanpur, Uttar Pradesh 208008, India Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418064 26°25'5" N Longitude 80.425165 80°25'30" E 2022-03-02(Wed) 12:24(pm)</p>  <p>Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418064 26°25'5" N Longitude 80.425165 80°25'30" E 2022-03-02(Wed) 12:24(pm)</p>  <p>Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418064 26°25'5" N Longitude 80.425165 80°25'30" E 2022-03-02(Wed) 12:24(pm)</p>	<ol style="list-style-type: none"> 1.Both mechanical screen and conveyor belt found non-operational at the time of inspection.it was started when asked by UPIN/STC representative.it was found screens operated by sweeper during UPIN/STC site inspection. Sluice gate at Inlet and Outlet need to be replaced. Garbages need to be remove regularly. Painting work need to be done with proper workmanship for inside and outside of building. Electric switch board need to be repair. Drain water pipe need to be fixed. Cleaning and landscaping work need to be done. Coveyor belt chute need to be replaced by KRMLP. 	23.11.2021		Pending
4	Collection Chamber	Civil work is in satisfactory condition	 <p>DCRFHQH, Jajmau, Kanpur, Uttar Pradesh 208008, India Kanpur Uttar Pradesh India Decimal DMS Latitude 26.418057 26°25'5" N Longitude 80.425031 80°25'30" E 2022-03-02(Wed) 12:25(pm)</p>	<ol style="list-style-type: none"> 1. Cleaning work need to be done. 2. Balance renovation work need to be done by KRMLP. 3. Plaster work need to be done with proper workmanship for inside staircase. 	23.11.2021		Pending

5	Pump House	Civil work is in Satisfactory condition		<ol style="list-style-type: none"> Renovation work is in under progress. Broken glass of window , door need to be repair. Indoor 14 Nos lightning work need to be replaced. CCTV camera need to be replaced / Repair. Panel Volt meters and Ammeters need to be replaced. All Phase indicator need to be replaced. EOT painting ongoing without approval and EOT load test has not conducted by KRMPL. Vibration has not checked by Operator on regular basis. Log book is not proper maintain by KRMPL staff as per prescribed format. 1 Nos is in working condition out of 2 Nos of dewatering pumps. Total 14 Nos of light available at CPSPS but it was not in working condition, it should be replace as per Contract. Rain water pipe need to be fixed. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 	23.11.2021		Pending
I	Pump no.1 (Capacity 2160 m3/hr)	Non operational		1.Need to be replaced as per Renovation Plan	14.08.2021		Pending
II	Pump no.2 (Capacity 2160 m3/hr)	Non operational		1.Need to be replaced as per Renovation Plan	13.12.2021		Pending
III	Pump no.3 (Capacity 2160 m3/hr)	Non Operational since 18.01.2022		1.Need to be replaced as per Renovation Plan	23.11.2021		Pending
IV	Pump no.4 (Capacity 2160 m3/hr)	Non operational since 18.01.2022		1.Need to be replaced as per Renovation Plan	23.11.2021		Pending
V	Pump no.5 (Capacity 2160 m3/hr)	Operational		<ol style="list-style-type: none"> Need to be replaced as per Renovation Plan. Heavy vibration in pump need to be repaired 	23.11.2021		Pending
VI	Pump no.6 (Capacity 2160 m3/hr)	Operational		1.Need to be replaced as per Renovation Plan	23.11.2021		Pending
VII	Pump no.7 (Capacity 2160 m3/hr)	Operational		1.Need to be replaced as per Renovation Plan	23.11.2021		Pending
6	Substation building	Operational		<ol style="list-style-type: none"> 11KV HTVCB panel to be replaced. LT A.C.B panel 440 V found non functional. All light to be replaced in sub station. All store material dumped in substation building. 	16.12.2021		Pending

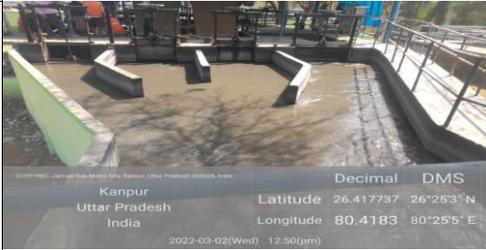
7	DG yard	Operational		<ol style="list-style-type: none"> 1. DG set is in working condition when it was checked coolent is need to fill. 2. MS base frame need to be replace. 3. DG yard need to be clean. 4. Log book need to be maintain for DG set. 5. Smog exhaust pipe length is not sufficientr as per CPCB/CPHEEO guidelines.It must be replaced on urgent basis. 	4.1.2022		Pending
8	Transformer Yard	Operational		<ol style="list-style-type: none"> 1. Transformer foundation done by KRMPL but the didi not provide any inspection information during RCC work. 2. Renovation of Transformer yard need to be done. 	16.12.2021		Pending
9	Boundary wall	Civil work is in unsatisfactory condition		<ol style="list-style-type: none"> 1. Poor workmanship and materail did not done by KRMPL. Rework is required 2. Landscaping area need to be clean. 	4.1.2022		Pending
10	Sluice valve Chamber	Civil work is in unsatisfactory condition		<ol style="list-style-type: none"> 1. Discharge line chamber should be cover with frame cover. 2. Internal cleaning need to be done. 3. Internal plaster work need to be done. 4. Valve need to be replaced as per approved renovation plan. 	23.11.2021		Pending

<p>11</p>	<p>Logbook/Records/Documentation</p>	<p>Logbooks are not maintain properly by KRMPL</p>		<p>1. Log book of pumps and DG set are not being maintained by KRMPL. 2. KRMPL has not arranged adequate number of staff (Operators, Sweepers and relievers) for proper O&M of IPS and attendance register manipulated staff details. Operators are non technical person. They are not understanding the Pump Capacity , Flow of Discharge, Peak Flow and maintain the records. 3. KRMPL need to maintain Visitor Register. 4. Security guard need to be deploy. 5. No labour available by KRMPL for renovation work.</p>	<p>23.07.2021</p>		<p>Pending</p>
<p>Remarks- A) Internal and External Painiting work (for Structures and Building):- KRMPL did not work properly by which it is not acceptable and it did not fulfill acceptance criteria as per CA 1. All painted work surfaces shall be uniform and pleasing in appearance. 2. The colour ,texture etc shall match exactly with the approved samples. 3. All stains, splashes and slatters of paints shall be removed from surrounding surfaces. KRMPL need to take necessary action for proper Painting work. B) Smog exhaust pipe length is not sufficient as per CPCB/CPHEEO guidelines. It must be replaced on urgent basis. C) All E&M equipments need to be replaced as per CA schedule 11. D) CCTV need to be installed. E) Power backup need to be arranged by KRMPL. F) Inlet and outlet flow meter need to be installed. G) Overflow condition need to be controlled for IPSs, CSPS.</p>			<p>Signature:</p> <p>TEAM LEADER STC KANPUR</p> 				



SITE INSPECTION REPORT

Jajmau STP - 130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
A	Collection Chamber	Renovation work need to be done by KRMPL.	 <p>Katri Badarka Turkiya, Uttar Pradesh, India Decimal DMS Latitude 26.432847 26°25'58" N Longitude 80.414048 80°24'50" E 2022-03-02(Wed) 12:30(pm)</p>	<ol style="list-style-type: none"> All gates to be repalced. Repairing work of free board of this chamber found very poor this must be repaired. Renovation to be completed without getting approval ,testing & commissioning. Handrailing need to be replaced. 	01.03.2021		Pending
1	Inlet Chamber (Civil)	Needs to be renovated in all respects.	 <p>Kanpur Uttar Pradesh India Decimal DMS Latitude 26.417797 26°25'3" N Longitude 80.4183 80°25' E 2022-03-02(Wed) 12:50(pm)</p>	<ol style="list-style-type: none"> Hand Railing and its foundation needs to be repaired. Finishing work of inlet chamber chamber need to done properly . 	01.03.2021		Lond pending
2	Gates /Valves and Covering Shed	Need Overhauling / Replacement	 <p>CC39-H8C, Jajmau Sub Metro City, Kanpur, Uttar Pradesh 206008, India Decimal DMS Latitude 26.41762 26°25'3" N Longitude 80.418282 80°25' E 2022-03-02(Wed) 12:50(pm)</p>	<ol style="list-style-type: none"> Gate may be motorized if possible Hand railing to be replaced . Shed to be replace. 	01.03.2021		Pending
B	Fine Screen Chamber (Mechanical / Manual)						
3	Screen Chamber (Civil)	Need Renovation	 <p>CC39-H8C, Jajmau Sub Metro City, Kanpur, Uttar Pradesh 206008, India Decimal DMS Latitude 26.41762 26°25'3" N Longitude 80.418282 80°25' E 2022-03-02(Wed) 12:50(pm)</p>	<ol style="list-style-type: none"> KRMPL need to arrange sufficient poer backup to operate the mechanical scree. Garbages like Plastic bags,leather pieces, clothes must be removed from Belt conveyyor of Screen Chamber regularly.Removal of garbages should be taken seriously. Need to be replaced theSluice gates. Proper Lighting need to be provided at Screen area. Level scale should be properly clean and marking should be clearly visible. MS Fabrication equipment & tools along with MS Shed also corroded & losses its strength. In MS shed pipes are corroded & Colour of shed also worn out. Mechanical Screen is not working with auto system and without sensor .Need to be fixed the auto system immediately. New Cables should be laid properly in cable trays. Handrailing need to be replace. CCTV cameras are not functional. Log Book need to be maintained. 	01.03.2021		Lond pending
4	Mechanical Fine Screen no. 1	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and	 <p>Kanpur Uttar Pradesh India Decimal DMS Latitude 26.41762 26°25'3" N Longitude 80.418282 80°25' E 2022-03-02(Wed) 12:50(pm)</p>	<ol style="list-style-type: none"> Mechanical Fine Screen are need to be installed as per approved drawing. Mechanical screen of teeth are damaged , KRMPL has not been repaired. Screen erection/ installation work is not verified by STC . Mechanical Screen not working with auto system and without sensor, need to be fixed the auto system immediately. Procedure of screens has not been submit by KRMPL. Without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. Autosystem and level sensor meter has not been installed by KRMPL till date. 	23.11.2021		Pending



SITE INSPECTION REPORT

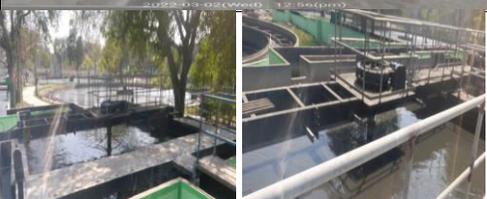
Jajmau STP -
130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
5	Mechanical Fine Screen no. 2	unavailability of DG set Mechanical screen found Non-Operational.		<ol style="list-style-type: none"> Mechanical screen of teeth are damaged , KRMPL has not been repaired. Mechanical Fine Screen are need to be installed as per approved drawing. Screen needs to be clean periodically depends on the sewage. Mechanical Screen is not working with auto system and without sensor .Need to be fixed the auto system immediately. New Cables should be laid properly in cable trays. Autosystem and level sensor meter has not been installed by KRMPL till date. 	23.11.2021		Pending
6	Mechanical Fine Screen no. 3	operated		<ol style="list-style-type: none"> Mechanical Fine Screen are need to be installed as per approved drawing. Screen erection/ installation work is not verified by STC . Mechanical Screen not working with auto system and without sensor, need to be fixed the auto system immediately. Procedure of screens has not been submit by KRMPL. Without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. Autosystem and level sensor meter has not been installed by KRMPL till date. 	23.11.2021		Pending
7	Manual Screen no. 1	Operated		<ol style="list-style-type: none"> KRMPL has been installed GI anchor fashners in submergence condition for screen. Need to be reaplced SS316/SS304 anchor fashaner. KRMPL without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. 	23.11.2021		Pending



SITE INSPECTION REPORT

Jajmau STP - 130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
C	Grit Chamber						
8	Grit Chamber	Renovation work done by KRMPL.		<ol style="list-style-type: none"> Outer side painting work in progress in Grit Chamber 03. Log Book need to be maintained. Handrails need to be provided by KRMPL. Flooring need to be done by KRMPL. 	01.03.2021		Lond pending
9	Grit Mechanism-1			<ol style="list-style-type: none"> Renovation work found satisfactory. Organic pump need to be installed as per approved drawing. Cable need to be layed at Cable tray as per approved drawing. LPBS need to be installed as per approved drawing. KRMPL without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. KRMPL has not been submitted installation procedure for Grit Mechanism System. 	01.03.2021		Lond pending
10	Grit Mechanism-2	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set Mechanical screen found Non-Operational.		<ol style="list-style-type: none"> Renovation work found satisfactory. Organic pump need to be installed as per approved drawing. Cable need to be layed at Cable tray as per approved drawing. LPBS need to be installed as per approved drawing. KRMPL without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. KRMPL has not been submitted installation procedure for Grit Mechanism System. 	01.03.2021		Lond pending
11	Grit Mechanism-3			<ol style="list-style-type: none"> KRMPL need to provide proper excess to Grit mechanism platform . Renovation in screw conveyor channel is pending. KRMPL without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval. KRMPL has not been submitted installation procedure for Grit Mechanism System. KRMPL has not submitted any RFI's(Request for Inspection). 	01.03.2021		Lond pending
12	Grit Classifier -1			<ol style="list-style-type: none"> Not in working due to foundation damage. Need to be repair immediately and to be replace as per the CA Grit Classifier alignment has not been done by KRMPL as per approved drawing. Organic pump need to be replaced as per approved drawing. 	01.03.2021		Lond pending

SITE INSPECTION REPORT

Jajmau STP -
130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
13	Grit Classifier -2	Due to electric fault in 33/11KV substation at Jajmau from 01.03.2022 and unavailability of DG set Mechanical screen found Non-Operational.		<ol style="list-style-type: none"> 1. Not in working due to foundation damage. 2. Need to be repair immediately and to be replace as per the CA 3. Grit Classifier alignment has not been done by KRMPL as per approved drawing. 4. Organic pump need to be replaced as per approved drawing. 	01.03.2021		Long pending
14	Grit Classifier -3			<ol style="list-style-type: none"> 1. Not in working due to foundation damage. 2. Need to be repair immediately and to be replace as per the CA 3. Grit Classifier alignment has not been done by KRMPL as per approved drawing. 4. Organic pump need to be replaced as per approved drawing. 	01.03.2021		Long pending
D	Parshall flume and flow meter						
16	Parshall Flume and Flow Channel (Civil)	Structure renovation work done		<ol style="list-style-type: none"> 1. Painting procedure has not been submitted by KRMPL. 2. Channel renovation work done but hydrotest of this channel is pending. 3. Level scale need to be installed for proper flow measurement. 	23.11.2021		Pending
18	Flow meter	Operational		<ol style="list-style-type: none"> 1. Power backup arranged by KRMPL 19.02.2022. 2. Flow meter found working and under the trial run. 2. Glass door need to be installed for Flow meter 3. Commissioning has not completed yet. 4. Cable to be laid properly in cable tray and conduit pipe. 5. Log Book need to be maintained. 	23.11.2021		Pending
E	Distribution Chamber -1			<ol style="list-style-type: none"> 1. Distribution chamber for Primary sedimentation tank partially done by KRMPL. 2. Inside Rcc wall, base and platform required renovation work. 3. Railing and its foundation needs to be replaced. 4. Reinforced exposed and need to be repaired. 5. All Sluice gate need to be replaced. 6. Cable trench depth should be as per IS code. 7. Earthing laying should be as per IS code. 	01.03.2021		Long Pending

SITE INSPECTION REPORT				Jajmau STP - 130 MLD			
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
19	Civil works			<ol style="list-style-type: none"> Cleaning and renovation work to be done in DC1 Pole light found damage and needs to be replace. 	01.03.2021		Long Pending
20	Gates (3 in nos)	Non-Operational / Needs to be replaced		<ol style="list-style-type: none"> Operational wheel found missing ad needs to install for proper operation of the gates. Damaged precast salbs need to be replaced. All Sluice gate need to be replaced. 	01.03.2021		Long Pending
F	Primary Sedimentation tank				01.03.2021		Long Pending
21	Primary Sedimentation tank-1	Non-Operational		<ol style="list-style-type: none"> KRMPL has stated sludge removal work from 26.02.2022. Outer surface Plastering and finishing work to be done at PST1. PST 01 mechanism need to be replace. Remote system to be installed for PST1. Cable to be laid in cable tray. Log Book need to be maintained. 	01.03.2021		Long Pending
22	Primary Sedimentation tank-2	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set Primary sedimentation tank 02 found Non-Operational.		<ol style="list-style-type: none"> KRMPL need to arrange proper power backup to operate the Primary sedimentation tank 02. PST commisioned 29.01.2022 and bioremediation started from after commisioned. 	01.03.2021		
23	Primary Sedimentation tank-3	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set Primary sedimentation tank 02 found Non-Operational.		<ol style="list-style-type: none"> KRMPL need to arrange proper power backup to operate the Primary sedimentation tank 03 Plastering and finishing work to be done at PST-3. Weir plate to be replaced at damaged portion. PST-3 mechanism to be replaced and install. Remote system to be installed for PST-3. Cable to be laid in cable tray. Log Book need to be maintained. Bioremediation started form 28.01.2022 	01.03.2021		Long Pending
G	Distribution Chamber -2						
24	Civil works	Renovation work and finshing work to be done		<ol style="list-style-type: none"> Cleaning work need to be done in Distribution chaber 02 Renovation of inside and outside of this chamber need to be done by KRMPL. 	01.03.2021		Long pending



SITE INSPECTION REPORT

Jajmau STP - 130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
25	Gates (3 in nos)	Need to be replace		<ol style="list-style-type: none"> All Sluice gate need to be replaced. Operational wheel need to be install for each Gate. 	01.03.2021		Long pending
26	RCC Channel(PST to Aeration Tank)			<ol style="list-style-type: none"> Renovation of RCC channel need to be repair with proper cleaning, Cracks repairs, HoneyComb removal work, damaged part of wall and covers. 	01.03.2021		Long pending
H	Aeration tank	Due to electric fault in 33/11KV substation at Jajmau Form 01.03.2022 and unavailability of DG set any aerators found Non-Operational.		<ol style="list-style-type: none"> KRMPL need to arrange sufficient power backup to operate all aerators. Cracks repairing work done by KRMPL only for outer side of wall. In Aeration Tank platform Slab, where machine is mounted vibrated tremendously, Slab & beam strengthening is required to increase weight of Unit Increasing weight of RCC member's vibration will be controlled. KRMPL instructed to submit the structural strengthening Methodology for Aeration Tank . Aeration Inlet and outlet gates need to be replace . Foundation plate need to be painted. Cable gland need to be fixed in the Pump termination Box. Log Book need to be maintained. 	01.03.2021		Long Pending
26	Aeration Tank no. 01 (Civil Works)	Structure found in poor condition and needs to be rehabilitate		<ol style="list-style-type: none"> Renovation work of outer side is in progress in Aeration Tank 01 Columns need to be rrenovation. Walkway to be strengthen and repaired. New Hand railing need to be installed on walkway. GAD of Hand railing and material certificate of hand railing needs to be furnished. Base plate of Hand railing needs to be blasting and painting after approval from UPJN. Certify the tye of anchors and fasteining. (Nuts/bolts) 	01.03.2021		Long Pending
27	Aerator no. 1	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set any aerators found Non-Operational.		<ol style="list-style-type: none"> All 6 Nos Aerators replaced by KRMPL. New cable need to be installed with new cable gland. Canopies to be installed on the top of motors. LPBS system need to be install at site . Foundation plate need to be painted. Cable gland need to be fixed in the Pump termination Box. 	23.11.2021		Pending
28	Aerator no. 2						
29	Aerator no. 3						
30	Aerator no. 4						
31	Aerator no. 5						
32	Aerator no. 6						
33	Aeration Tank no. 02 (Civil Works)	Structure found in poor condition and needs to be rehabilitate		<ol style="list-style-type: none"> Renovation work of outer side is in progress in Aeration Tank 02 Columns need to be renovate.. Walkway to be strengthen and repaired. New Hand railing need to be installed on walkway. GAD of Hand railing and material certificate of hand railing needs to be furnished. Base plate of Hand railing needs to be blasting and painting after approval from UPJN. Certify the tye of anchors and fasteining. (Nuts/bolts). Cable need to be laid in cable tray. LPBS system to be install at site 	01.03.2021		Long Pending
34	Aerator no. 7	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and		<ol style="list-style-type: none"> Aerators need to be replaced. Canopies to be installed on the top of motors. Cable to be laid in cable tray. 	10.12.2021		ending
35	Aerator no. 8						
36	Aerator no. 9						



SITE INSPECTION REPORT

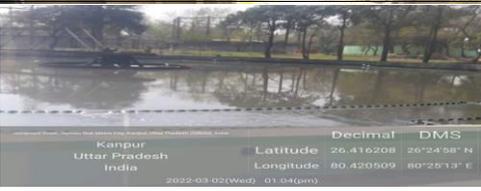
Jajmau STP - 130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
37	Aerator no. 10	unavailability of DG set any aerators found Non-Operational.		4.LPBS system to be install at site . 5. Foundation plate need to be painted. 6. Cable gland need to be fixed in the Pump termination Box.			Pending
38	Aerator no. 11						
39	Aerator no. 12						
40	Aeration Tank no. 03 (Civil Works)	Structure found in poor condition and needs to be rehabilitate		1.Renovation work of outer side is in progress in Aeration Tank us 2.Columns need to be reinforced. 3.Walkway to be strengthen and repaired. 4.New Hand railing need to be installed on walkway. 5.GAD of Hand railing and material certificate of hand railing needs to be furnished. 6.Base plate of Hand railing needs to be blasting and painting after approval from UPJN. 7.Certify the tye of anchors and fasteining. (Nuts/bolts). 8.Cable need to be laid in cable tray. 9.LPBS system to be install at site	01.03.2021		Long Pending
41	Aerator no. 13	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set any aerators found Non-Operational.	 Kanpur Uttar Pradesh India Decimal DMS Latitude 26.416508 26°24'59" N Longitude 80.419913 80°25'11" E 2022-03-02(Wed) 01:02(pm)	1.Aerators need to be replaced. 2.Canopies to be installed on the top of motors. 3.Cable need to be laid in cable tray. 4.LPBS system to be install at site	01.03.2021		Long Pending
42	Aerator no. 14						
43	Aerator no. 15						
44	Aerator no. 16						
45	Aerator no. 17						
46	Aerator no. 18						
I	Distribution Chamber -3						
47	Civil works	To be renovated		1.Cleaning and finishing work to be done in this chamber. 2.Railing to be replaced / repaired	01.03.2021		Long Pending
48	Gates (3 in nos)	Non-Operated		1.All gates need to be replaced. 2.Damaged precast salbs need to be replaced.	01.03.2021		Long Pending
J	Final Sedimentation Tank						
49	Final Sedimentation Tank no.1	Non-operational from 15.01.2022		1. FST no. 1 Mechanical Bridge collapsed on 15.01.2022. 2. Outlet channel blocking work of Final sedimentation tank no. 1 on 05.02.2022 3. Plastering and finishing work to be done at FST-1. 3.FST O1 equipments need to be repliced. 4.Remote system to be installed for FST-1. 5.Cable need to be laid in cable tray. 6. Log Book need to be maintained. 7. E&M materials has not supplied by KRMPL for renovation work	01.03.2021		Long Pending
50	Final Sedimentation Tank no.2	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set,Final sedimentation tank 02 found Non-Operational.		1. KRMPL need to arrange sufficient power backup to operational Final sedimentation tank 02. 2. FST 02 commissioned on 05.02.2022.	05.02.2022		Pending



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S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
51	Final Sedimentation Tank no.3	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set,Final sedimentation tank 02 found Non-Operational.		<ol style="list-style-type: none"> 1.KRMPL need to arrange sufficient power backup to operational Final sedimentation tank 02. 2. Plastering and finishing work to be done at FST-3. 3.FST 03 equipments need to be replaced. 4.LPBS system to be installed for FST-3. 5.Cable need to be laid in cable tray. 6. E&M materials has not supplied by KRMPL for renovation work. 	01.03.2021		Long Pending
K	Treated Effluent Pump House	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set,only 5 Nos TEPH pumps found Operational.		<ol style="list-style-type: none"> 1. KRMPL need to arrange sufficient power backup to operate all TEPH pumps. 2. New Treated effluent pump house has already been proposed in CA and needs to keep this pump house in working condition till the renovation period. 3. Civil Drawing of pump foundation not submitted by KRMPL for Renovation work. 4.Out of 11 pumps only 4 Nos.pump has been supplied at site and 2 Nos. Pump with motor has been installed . 5. Log Book need to be maintained. 	01.03.2021		Long Pending
52	Treated Effluent sump (Civil)	Structure is in damaged condition and found in overflow condition		<ol style="list-style-type: none"> 1.New TEPH cum Sump has already been proposed in CA and needs to keep this sump in working condition till the renovation period. 	01.03.2021		Long Pending
53	Treated Effluent Pump House (Civil)	Structure is in bad condition.		<ol style="list-style-type: none"> 1.New TEPH cum Sump has already been proposed in CA and needs to keep Pump house in working condition till the renovation period. 2.Pump foundation are found in damaged condition. 3.Hand railing to be repaired and installed. 	01.03.2021		Long Pending
54	TEPH Pump no.1	Operational		<ol style="list-style-type: none"> 1.All pumps needs to be repaired and get operational. 2. Civil Drawing of pump foundation not submitted by KRMPL for Renovation work. 3.5 nos pumps are in working condition during site visit. 4.2 Nos new pumps has been installed by KRMPL without get any prior approval from UPJN/PE and KRMPL has not submitted any erection procedure as per CA schedule 11. 5. Erection and commissioning of pumps have been done by KRMPL.KRMPL has not complied the compliance raised by PE officials . 6. KRMPL has not been submitted any design and drawings for Valves, NRVs, Dismantling joints etc. 7.Lighting arrangement and Cable to be laid in cable tray. 8.Thermameter and vibration meter should be at site. 9.Railing to be repaired till the renovation period. 10.Motor cover to be arranged. 11.Pressure guage are found in damaged condition and need to be replaced. 12.Concessionaire should maintain log book of the pumps for proper record maintenance. 13..Leakage has been detected in some pumps which are in operation, and directed to repair the same immediately. 14.LPBS system to be install at site 15.Cable treay need to be painted immediatiatly 	01.03.2021		Long Pending
55	TEPH Pump no.2	No n Operational					
56	TEPH Pump no.3	Operational					
57	TEPH Pump no.4	No n Operational					
58	TEPH Pump no.5	Operational					
59	TEPH Pump no.6	No n Operational					
60	TEPH Pump no.7	No n Operational					
61	TEPH Pump no.8	Operational					
62	TEPH Pump no.9	Operational					
63	TEPH Pump no.10	No n Operational					
64	TEPH Pump no.11	No n Operational					



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S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
L	Return Sludge Pump House						
65	Return sludge Sump (Civil)	Needs rehabilitation		<ol style="list-style-type: none"> Sludge cleaning work done by KRMPL only top of slab. Renovation work done by KRMPL only slab top. KRMPL need to clean sump from bottom of slab. 	01.03.2021		Long Pending
66	Return Sludge Pump House (Civil)	Needs rehabilitation		<ol style="list-style-type: none"> Only outer face painting work partially done by KRMPL. Dewatering arrangement need to be arrange. Foundation of pumps need to be renovate. KRMPL need to submit Civil drawing of foundation for renovation work. Renovation work of internal wall need to be done. Lighting arrangement and Cable to be laid in cable tray. LPBS system to be install at site Cable need to be dressed properly All Indoor Light to be replace immediately Log Book need to be maintained. 	01.03.2021		Long Pending
67	Return Sludge Pump no. 1	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set, all pumps found Non-Operational.		<ol style="list-style-type: none"> KRMPL need to arrange sufficient power backup during any breakdown from Keso. Cables to be arranged in proper manner and should be laid in cable tray. Leakage has been detected in the pipes connecting to the Pumps. All panel found non-operational. 2 Nos new pumps has been installed by KRMPL without get any prior approval from UPJN/PE and KRMPL has not submitted any erection procedure as per CA schedule 11. Erection and commissioning of pumps have been done by KRMPL. KRMPL has not complied the compliance raised by PE officials. Thermometer and vibration meter should be at site. Vibration and Temperature reading has not mention in the daily log book. 	10.12.2021		Pending
68	Return Sludge Pump no. 2						
69	Return Sludge Pump no. 3						
70	Return Sludge Pump no. 4						
M	Blending Tank						
71	Civil works	Belding tank found partially renovate		<ol style="list-style-type: none"> Sludge disposal work done from dated 04.02.2022 to 22.02.2022 from common sludge chamber. Cleaning work need to be done. Sewages should be removed from site after cleaning of chamber. Interconnection of sludge pipe line for Inlet and Outlet cleaing is pending. Cracks should be treated by Pressure grouting. Structure should be strength and visible bars to be covered with concrete. 	01.03.2021		Long Pending
	Blending Tank Agitator	New Replacement as per BEPI		<ol style="list-style-type: none"> New blending tank agitator drawing has been vatted by PE / UPJN but KRMPL has not supplied as same. Log Book need to be maintained. Tank cleaning work, Pressure grouting work, Honeycomb repairing work, Plastering work carried by KRMPL under renovation. 	23.11.2021		Pending
72	Gravity Sludge Thickeners						



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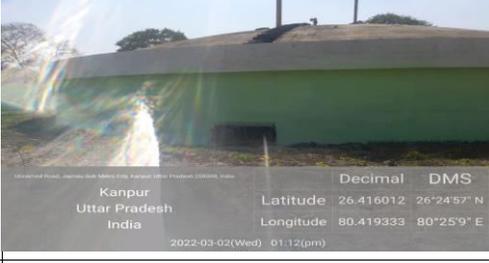
Jajmau STP - 130 MLD

S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
73	Gravity Sludge Thickener no. 1	Not functional		<ol style="list-style-type: none"> Mechanical bridge has installed of sludge thickener No. 02 on 26.02.22 and balance equipments commissioning work is in progress. Renovation need to be done for interconnection pipe line of inlet and outlet of this chamber. Repair and Rehabilitate done for wall of sludge thickener. Plastering and finishing work done. Make structure free from the Cracks. Remote system to be installed for GST-1. Cable to be laid in cable tray. 	01.03.2021		Long Pending
74	Gravity Sludge Thickener no. 2	Non-Operational		<ol style="list-style-type: none"> Sludge Thickener found is under renovation. Sludge removal work of Sludge Thickener from 03.02.22 to 22.02.22 and Dismantled the scraper system done on 23.02.22 and 24.02.22 respectively. Civil structure to be repaired and make it free from any structural defects & deficiencies. Plastering and finishing works to be done. New Gravity Sludge Thickener equipments drawings have been vatted by PE / UPJN but KRMPL has not supplied as same. Remote system to be installed for GST-2. Cable to be laid in cable tray. Sludge thickener no. 2 is to be replaced. Hand railing to be replace . 	01.03.2021		Long Pending
0	Thickened Sludge Pump House						
75	Thickened sludge Pump House cum Sump (Civil works)	Structure needs rehabilitation		<ol style="list-style-type: none"> Cleaning work of roof slab is in progress by KRMPL. Sump to be clean and rehabilitate. Precast cover slabs of Sump to be replaced . Pump house structure needs plastering and finishing works. Cracks should be treated with proper technique. Remote system to be installed for TSPH. Cable to be laid in cable tray. All Thickened sludge pumps to be replaced as per CA. Dewatering pump to be installed for removing extra water. EOT crane /lighting /exhaust fan to be installed . Log Book need to be maintained. 	10.12.2021		Pending
76	Thickened Sludge Pump no.1	Not operated		1. Need to be replaced	27.11.2021		Pending
77	Thickened Sludge Pump no.2	Not operated		1. Need to be replaced			
78	Thickened Sludge Pump no.3	Not operated		1. Need to be replaced			
79	Thickened Sludge Pump no.4	Not operated		<ol style="list-style-type: none"> Need to be replaced Indoor lighting need to be replace immediately Cable need to be dressed properly Cable tray need to be paited Digester cleaning work can be done with safety precaution . 			
p	Primary Sludge Digesters						



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80	Primary Sludge Digester no. 1	Under maintenance	 Decimal DMS Kanpur Uttar Pradesh India Latitude 26.415529 26°24'55" N Longitude 80.419357 80°25'9" E 2022-03-02(Wed) 01:13(pm)	<ol style="list-style-type: none"> Cleaning work of digester done partially by KRMPL. Outer face cracks repair work and painting work is in progress by KRMPL. Removal of centrally located sludge mixing shaft from Primary Digester 1. Gate to be overhaul Civil Structure of the Digester to be renovate and cracks to be treated. Leakage to be Arrested in the Digester. Installation of the Railing at the boundary of the dome. 	01.03.2021		Long Pending
81	Primary Sludge Digester no. 2	Not operational	 Decimal DMS Kanpur Uttar Pradesh India Latitude 26.416012 26°24'57" N Longitude 80.419333 80°25'9" E 2022-03-02(Wed) 01:12(pm)	<ol style="list-style-type: none"> Cleaning work of Primary digester done partially. Outer face cracks repair and painting work is in progress by KRMPL. Gate to be overhaul Civil Structure of the Digester to be renovate and cracks to be treated. Leakage to be Arrested in the Digester. Installation of the Railing at the boundary of the dome. 	01.03.2021		Long Pending
Q	Secondary Sludge Digester						
82	Secondary Sludge Digester	Not operational		<ol style="list-style-type: none"> Outer face cracks repair and painting work done by KRMPL. Polymer concete work done under renovation work. Gate to be overhaul Civil Structure of the Digester to be renovate and cracks to be treated with all respect. Leakage to be Arrested in the Digester. Installation of the Railing at the boundary of the dome. Finishing work to be done. 	01.03.2021		Long Pending
R	Digested Sludge Pump House						
83	Digested Sludge Pump House cum Sump (Civil works)	Need to be renovated		<ol style="list-style-type: none"> Sump to be clean and renovate. Installation of the railing on the boundary of the sump. Precast cover to be replaced or constructed on the sump. Stairs at the pump house to be renovate. Plastering work and finshing work to be done in the pump house. Foundation of the pumps to be repaired. Railing to be repair in the Pump house. LPBS System to be installed for GST-1. Cable need to be laid in cable tray. Dewatering pump to be installed. Log Book need to be maintained. 	01.03.2021		Long Pending
84	Digested Sludge Pump no.1	Due to electric fault in 33/11KV substation at Jajmau form 01.03.2022 and unavailability of DG set, all pumps found Non-Operational.		<ol style="list-style-type: none"> KRMPL need to arrange sufficient power backup to operate the pumps and panels. As per CA 4 nos. of screw pumps need to be replaced. Required repair work for pump no.3 & 4 	01.03.2021		Long Pending
85	Digested Sludge Pump no.2						
86	Digested Sludge Pump no.3						
87	Digested Sludge Pump no.4						



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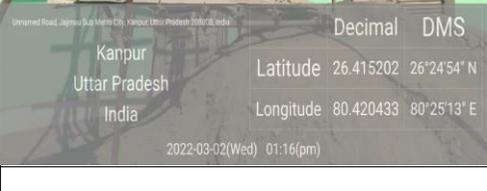
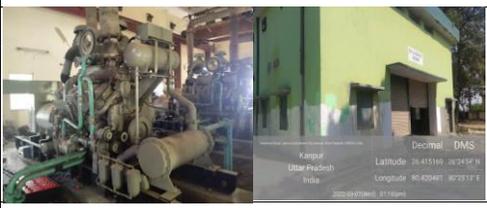
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
5	Centrifuge						
88	Centrifuge Building (Civil Works)	Not operational		<ol style="list-style-type: none"> 1. Plastering and finishing work of the Centrifuge building and centrate Pump house. 2. Railing and steel ladder to be repaired or replaced as per site condition. 3. Housekeeping to be done. 4. Sign boards are required. 5. No approach road found at site to get on thsi unit/component. 6. Proper lighting arrangement to be required at site. 7. All centrate pump 4 no. to be replace. <p style="text-align: center;">7.As per CA centrifuge to be repaired.</p>	01.03.2021		Long Pending
89	Centrifuge Pump no.1	All centrifuge were in dilapidated condition and dismantling work is completed		As per CA centrifuge/ BFP to be replaced.			
90	Centrifuge Pump no.2				01.03.2021		Long Pending
91	Centrifuge Pump no.3				01.03.2021		Long Pending



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92	Centrifuge Pump no.4	byKRMPL.					
T	Centrate / Supernatant Pump House				01.03.2021		
93	Centrate Building cum Sump (Civil works)			<ol style="list-style-type: none"> Plastering and finishing work of the Centrifuge building and centrate Pump house. Railing and steel ladder to be repaired or replaced as per site condition. Housekeeping to be done. Sign boards are required. No approach road found at site to get on this unit/component. Proper lighting arrangement to be required at site. 			
94	Supernatant Pump no.1	Pump already dismantled by KRMPL		As per CA pump to be replaced .	01.03.2021		Long Pending
95	Supernatant Pump no.2	Pump already dismantled by KRMPL		As per CA pump to be replaced .			
96	Supernatant Pump no.3	Pump already dismantled by KRMPL		As per CA pump to be replaced .			
97	Supernatant Pump no.4	Pump already dismantled by KRMPL		As per CA pump to be replaced .			
U	Gas Holder						
98	Gas Holder no. 1	Not functional		<ol style="list-style-type: none"> Outer face cracks repair work done by KRMPL. Gas holder need to be replaced. Railing to be repaired Valves need to be overhaul or repair. Renovation crack repairing work is in progress outer face of gas holder 01. 	01.03.2021		Long Pending
99	Gas Holder no. 2	Not functional		<ol style="list-style-type: none"> Outer face cracks repair work done by KRMPL. Dismantling of MS dome started from 23.02.2022 by KRMPL. Civil structure needs to be repaired and renovate. Gas holder need to be replaced. Railing to be repaired Valves need to be overhaul or repair. Plastering and finishing work to be done in the civil structure. 	01.03.2021		Long Pending
V	Gas Scrubbers						
100	Gas Scrubber no.1	Dismantling in progress by KRMPL		1. Design, drawing has been vatted by PE and KRMPL has not supplied as same	23.11.2021		Long Pending
101	Gas Scrubber no.2	Dismantling in progress by KRMPL					
102	Gas Scrubber no.3	Dismantling in progress by KRMPL					
W	Gas Flaring Unit						
103	Gas Flaring no.1	Dismantling in progress by KRMPL		1. Design, drawing has been vatted by PE and KRMPL has not supplied as same	23.11.2021		Pending
104	Gas Flaring no.2	Dismantling in progress by KRMPL					

STC				SITE INSPECTION REPORT			Jajmau STP - 130 MLD	
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance	
W1	Compressor panel room	Renovation work is in progress		<ol style="list-style-type: none"> 1. Roof slab cleaning work is in progress. 2. KRMPL is doing surface roof treatment for compressor panel room slab while KRMPL didn't submit any methodology, Work process and Work Plan. 3. Outer face plaster work is in progress by KRMPL with mortar (1:3) cement:sand ratio. 4. Plaster work should be proper thickness, verticality and smoothness but KRMPL is not doing same as per CA specification. 5. Cracks repairing work in ceiling slab is in progress by KRMPL. 6. KRMPL has engaged 9 Nos of labour for civil work. 	10.12.2021		Pending	
X	Bio gas Compressor		 <p>Unmanned Road, Jajmau, Kanpur, Uttar Pradesh, India</p> <p>Decimal DMS</p> <p>Kanpur Uttar Pradesh India</p> <p>Latitude 26.415202 26°24'54" N Longitude 80.420433 80°25'13" E</p> <p>2022-03-02(Wed) 01:16(pm)</p>	<ol style="list-style-type: none"> 1. AS per CA, Biogas compressor to be replaced. 2. Outer face plaster work is in progress. 3. Outer side and inner face of building, painting work is in progress. 	01.03.2021		Long Pending	
105	Biogas Compressor Building							
106	Bio gas Compressor no.1	Dismantling done by KRMPL.						
107	Bio gas Compressor no.2	Dismantling done by KRMPL.				01.03.2021		Long Pending
108	Bio gas Compressor no.3	Dismantling done by KRMPL.						
109	Bio gas Compressor no.4	Dismantling done by KRMPL.						
110	Bio gas Compressor no.5	Dismantling done by KRMPL.						
Y	Dual Fuel Generator		 <p>Decimal DMS</p> <p>Kanpur Uttar Pradesh India</p> <p>Latitude 26.415169 26°24'54" N Longitude 80.420441 80°25'13" E</p> <p>2022-03-02(Wed) 01:16(pm)</p>		01.03.2021		Long Pending	
111	DFG no.1	not oprated						
112	DFG no.2	Operated						
113	DFG no.3	Operated			<ol style="list-style-type: none"> 1. Proper lighting arrangement to be required at site. 2. DFG to be replaced as per CA and BEP. 3. Derating of DFG calculation need to be of 2 DFG for plant operation 	01.03.2021		Long Pending
114	DFG no.4	not oprated						
115	DFG no.5	not oprated						
Z	Filtrate Pump							
116	Filtrate pump cum Sump (Civil works)			<ol style="list-style-type: none"> 1. Civil structure needs finishing work to be done. 	01.03.2021		Long pending	
117	Filtrate Pump no.1	Not working			<ol style="list-style-type: none"> 1. As per CA, Filtrate pump to be replaced. 2. KRMPL has not submitted design, drawing for approval till date 	01.03.2021		Long pending
118	Filtrate Pump no.2	Not working						



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AA	Substation 11kv/433	Not working		1. DP structure erection work not as per approved drawing ,need to be installed as per approved drawing . 2. DP ploe earthing work in not done.need to be eathed immediately . 3. Pole foundation need to done properly.	01.03.2021		Long pending	
AB	New Units (Construction)							
119	TEPH cum Sump							
120	Chlorine Contact tank	To be constructed		1. KRMPL has started excavaion work from 23.02.2022 and 24.02.2022 without started Utilities shifting work at site. 2.Site Clearance required. 3. Outlet flow meter need tyo be replaced.	01.03.2021		Long pending	
<p>Remarks:- A) Internal and External Paintring work (for Structures and Building):- KRMPL did not work properly by which it is not acceptable and it did not fulfill acceptance criteria as per CA. 1. All painted work surfaces shall be uniform and pleasing in appearance. 2.The colour ,texture etc shall match exactly with the approved samples. 3. All stains, splashes and slatters of paints shall be removed form surrounding surfaces. KRMPL need to take necessary action for proper Painting work. B) Internal road need to be renovate but KRMPL did not submit any Internal road plan layout for recommendation. C) All E&M equipments need to be replaced as per CA schedule 11. D) CCTV need to be installed. E) Power backup need to be arranged by KRMPL. F) Inlet and outlet flow meter need to be installed. G) Smog exhaust pipe length is not sufficienttr as per CPCB/CPHEEO guidelines.It must be replaced on urgent basis.</p>				<p>Signature: TEAM LEADER STC KANPUR</p>				