

SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT

Parmiya IPS - 3.5 MLD

Date: 18.1.2022

VIRTUAL INSPECTED BY: PE, UPJN  
 UPJN-Jen Mr. Ajit Singh Civil  
 UPJN Jen- Mr. Ashish Sheyaal E&M  
 UPJN Chemist-Mr Ajay Kanojiya  
 STC-Team  
 1.Mr .Dr. Giridhar prabhukar (Team Leader and watse water Expert)  
 2. Mr. J.P. Tripathi(O&M- In charge)  
 Mr Anuj Kushwaha(Support Engineer Civil)  
 2. Mr Ajay Kumar Goyal(Support Engineer Mechanical)  
 KRMLP-Team  
 1. Mr Shriram -Incharge

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 KRMLP	Current Status of Compliance
<b>1 All work</b>							
1	Parmiya Nala Tapping	Overflow Condition since handover date		Over flow condition found since handover. Upjn need to take action in this regards.	25.08.2021		Pending at the end of UPJN.
2	Inlet Chamber	Epoxy coating found improper in inlet chamber.		1. Finishing of wall need to be done. 2. Epoxy coating work need to be done.	15.12.2021		Pending
3	Coarse bar Screen Chamber(Manual)	Garbages and rusted MS stair and handrailing found		1. Removal of polythene,papers,plastic should be on regular basis. 2. Painting work should be done by KRMLP for MS Staircase and handrails.	15.12.2021		Pending

4	Coarse bar Bar Screen Chamber(2-Mechanical , 1-Manual)	Mechanical screen 1 &2 are operational not being operated regularly whenever STC/UPJN PM visited the site it was found that both the screen were not being operated.KRMPL statred the mechanical screens and conveyer belt when asked by STC team.		<ol style="list-style-type: none"> <li>Both screens and conveyer belt need to be operated regularly.</li> <li>UPJN/STC has inspected the site but everytime mechanical screen and conveyer belts found in un-operational position.UPJN/STC asked to operator then they start mechanical screen and conveyer belt.This is false practice and it is not acceptable.</li> <li>Mechanical Screen No 1 &amp;2 found in working condition.</li> <li>Lubrication of E&amp;M equipment no are not doing by KRMPL.</li> <li>Solid Chute is not fix at end of Conveyer belt.</li> <li>Stud bolt lubrication has not done by KRMPL</li> <li>Trolley required for garbage disposal still KRMPL has not provided.</li> <li>Sensor system need to be arranged by KRMPL.</li> </ol>	15.12.2021		Pending
4	Pump house cum Panel room	<ol style="list-style-type: none"> <li>Horizontal and vertical cracks found in pump house structure.</li> <li>Control panel of pump no 4 found damaged.</li> </ol>		<ol style="list-style-type: none"> <li>Monorail painting work and load certification of manual Chain pully block didn't done by KRMPL.</li> <li>control panel of pump no 4 required rectification.</li> <li>Cracks Repairing work and painting work required.</li> <li>Caliberation of Flow meter need to be submitted by KRMPL.</li> </ol>	15.12.2021		Pending
i	Pump No.1 ( Capacity =170 m3/hr)	Operational		It is in working condition			
ii	Pump no.2 ( Capacity =170 m3/hr)	Operational		It is in working condition			
iii	Pump No.3 ( Capacity =170 m3/hr)	Operational		It is in working condition			
iv	Pump No.4 ( Capacity =170 m3/hr)	Non-Operational		Pump no 4 found non operational since handover to KRMPL	25-8-2021		Pending

5	Common headerChamber	<p>1. Horizontal and vertical cracks found in common header chamber.</p> <p>2. All stud bolts found rusted.</p>		<p>1.Crackss repairing work should be done by KRMPL.</p> <p>2. All stud bolts are rusted,KRMPL has not lubricated on regular basis.</p> <p>3. Valve and NRV directions are not visualize during operation.So KRMPL has shown the direction on as stated above.</p>	15-12-2021		Pending
6	DG set	<p>DG set found operational and Horizontal and vertical cracks found in civil structure.</p>		<p>1. DG set is in working condition.</p> <p>2. Exhaust chimney height of DG set is not as per CPCB norms.</p> <p>3. Crackss repairing work and painting work should be done by KRMPL</p>	15-12-2021		Pending
7	Boundary wall	<p>1. Horizontal and vertical cracks found in civil structure.</p> <p>2. Painting work found unpleasing appearances and non uniform.</p>		<p>1. Boundary wall Painting work need to be done.</p>	15-12-2021		Pending
8	Internal road, Land scaping work and Campus Lightening work	<p>1. Interlocking road found settlement.</p> <p>2. Utility unavailability for water drinking and daily purpose.</p> <p>3. Electric pole has started to rust.</p>		<p>1.Under renovation of IPS ,Interlocking road found settlement some location inside campus, That must be rectified by KRMPL.</p> <p>2.Total light 8 Nos in working condition.</p> <p>3. Utility of water connection need to be arranged for drinking and daily purpose.</p> <p>4.Painting work of electripole is required.</p>	15.12.2021		Pending

9	Valve Chamber	Frame chamber of valve chamber found rusted.		1.Red oxide primer and painting work should be done by KRML for MS cover.	15.12.2021		Pending
10	Back flow Condition	Back flow of sewerage from Parmiya Tapping shows near Culvert(Aunpriya merrage home)		1.Pump houses 1 and 2 need to be funtional Nawabganj IPSs to resolve the back flow condition.	21.12.2021		Pending
 <b>SITE INSPECTION OF JAJMAU ASSOCIATED IPS REPORT</b>					Shishmau IPS -45 MLD	Date: 18.01.2022	<b>VIRTUAL INSPECTED BY:</b> PE, UPJN UPJN-Jen Mr. Ajit Singh Civil UPJN Jen- Mr. Ashish Sheyaal E&M UPJN Chemist-Mr Ajay Kanojiya STC-Team 1.Mr .Dr. Girdhar prabhukar (Team Leader and watse water Expert) 2. Mr. J.P. Tripathi(O&M- In charge) Mr Anuj Kushwaha(Support Engineer Civil) 2. Mr Ajay Kumar Goyal(Support Engineer Mechanical) KRML-Team 1. Mr Shriram -Incharge
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 KRML	Current Status of Compliance
1	All work						
1	Shishamau Nala Tapping	Overflow conition not found.		No overflow condition. Sewer flow is below 100 mm from overflow condition.	15.12.2021		

i	Manual Coarse bar screen Chamber	Civil structure is in satisfactory condition		<p>1.Handles of open channel gate didn't find.KRMPL need to installed all the Handles for gate.  2.Manual trolley for disposal materail should be arrange by KRMPL.  3.Out of 3 Nos of Lights only 2 Nos is in working condition.</p>	15.12.2021		Pending
ii	RCC slab of Shashamau NALA tapping	Civil structure is in unsatisfactory condition		<p>1.Renovation of slab top surface should be rectified by KRMPL.  2.Garbage material should be remove from campus.  3.Renovation of boundary wall required.  4.Settled interlocking area should be rectify by KRMPL.  5.M.S gate should be repair by KRMPL  6. CCTV installation need to be done.KRMPL has promised to installed CCTV within a month.</p>	15.12.2021		pending
2	Inlet Chamber	Epoxy coating found improper in inlet chamber.		<p>1. Cleaning need to be done.  2. Epoxy Coating need to be done.</p>	15.12.2021		Pending
3	Coarse bar Screen Chamber(Manual)	Civil work is in satisfactory condition		<p>1. Mechanical Screen No 1 and Screen No 2 is in woking condition.  2.Level Indicator is not working condition.  3.1. Panel cover need to be installed.  4.Manual trolley for disposal materail should be arrange by KRMPL.  5.Garbage material should be remove from campus.  6. Log book need to be done properly.  7. CCTV installation need to be done.KRMPL has promised to installed CCTV within a month.</p>	15.12.2021		Pending
4	Coarse bar Screen Chamber(Mechanical)	Operational		<p>1. Mechanical Screen No 1 and Screen No 2 is in woking condition.  2.Level Indicator is not working condition.  3.1. Panel cover need to be installed.  4.Manual trolley for disposal materail should be arrange by KRMPL.  5.Garbage material should be remove from campus.  6. Log book need to be done properly.  7. CCTV installation need to be done.KRMPL has promised to installed CCTV within a month.</p>	15.12.2021		Pending

5	Pump house cum Panel room						
i	Pump no 1 Capacity(1080 cum/hr)	Operational		<ol style="list-style-type: none"> <li>Total Pumps 6 nos installed at site. Pump nos. 1,2,3,4 and 6 are in operation and Pump no 5 is under maintenance since 5 Jan 2022.</li> <li>Calibration report of flow meter need to be submitted by KRMPPL.</li> <li>Log book need to be maintain properly.</li> <li>Exhaust fan need to be installed.</li> <li>Switich board need to be repair.</li> <li>Emergency fire bucket need to fill by sand.</li> <li>Monorail painting work and load certification of manual Chain pully block didn't done by KRMPPL.</li> <li>Stud bolt lubrication has not done by KRMPPL.</li> </ol>	15.12.2021	Pending	
ii	Pump no 2 Capacity(1080 cum/hr)	Operational					
iii	Pump no 3 Capacity(1080 cum/hr)	Operational					
iv	Pump no 4 Capacity(1080 cum/hr)	Operational					
v	Pump no 5 Capacity(1080 cum/hr)	Non-Operational					
vi	Pump no 6 Capacity(1080 cum/hr)	Operational					
							
6	Common headerChamber	Operational		<ol style="list-style-type: none"> <li>pressure guage of pump no 2 is not in woking condition.</li> <li>Pump No 2 and Pump No 5 line and leakages.</li> <li>Valve and NRV directions are not visualize during operation.So KRMPPL has shown the direction on as stated above.</li> </ol>	15.12.2021		Pending
7	DG set	Both DG set found operational but diesel fuel found short.		<ol style="list-style-type: none"> <li>Both DG set is in working condition.</li> <li>DG log book is not mainatining by KRMPPL.</li> <li>Only 40% diesel available at DG set- 1 and 36% diesel available at DG set-2.</li> <li>8 Nos light are functional out of 11 Nos.</li> </ol>	15.12.2021		Pending

8	Transformer	Transformer found operational but their entry gate is damage.		<p>1. Cleaning work need to be done at Transformer yard area.</p> <p>2. Entry gate need to be repair</p>	21.12.2021		Pending
	<b>Remarks</b>	<p>1. CCTV installation work need to be done by KRMPL for IPS Parmiya and IPS Shishamau .</p> <p>2. Power backup need to be installed by KRMPL for flowmeter and IPSs.</p> <p>3. Painting work need to be done by KRMPL beacause acceptance criteria not fulfilled yet given below:-</p> <p>i) All painted surfaces shall be uniform and pleasing apperance.</p> <p>ii) The colour,textures etc shall match exactly with approved samples.</p> <p>iii) All stains,splashes and splatters of paint shall be removed from surrounding surfaces.</p>					