

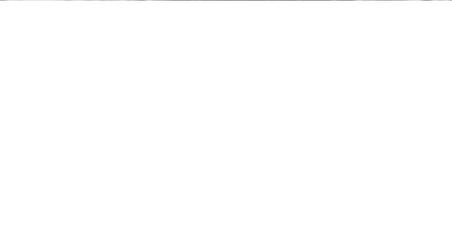
SITE INSPECTION REPORT				Jajmau STP - 130 MLD	Date: 27.12.2022	INSPECTED BY: UPJN Team 1. Mr. Rahul, Support Engineer (Ele.) 2. MR. Karm Veer Sing Site Supervisore - Civil 3. Mrs. Divya Mittal, Site Supervisore - Electrical  KRMPL Team 1. Mr. Krishna ( Plant Incharge) 2. Mr. Akashay Tripathi ( Process Engineer)		
S. No.	Equipment	Assessment of Current Condition	Assessment of Current Condition Photo	Current defects and Corrective Action Suggested by STC, PE	Corrective Action Completed by KRMPL	Original Date of Issue	Proposed Date to Resolve by KRMPL	Current Status of Compliance
A	Collection Chamber			<ol style="list-style-type: none"> <li>All gates to be repalced.</li> <li>Repairing work of free board of this chamber found very poor this must be repaired.</li> <li>Renovation to be completed without getting approval ,testing &amp; commissioning</li> <li>Toe guard to be Provide in hand-railing.</li> <li>TWL marking could be done with paint.</li> </ol>		27.11.2021		Pending
1	Inlet Chamber (Civil)	Operational / Needs to be renovated		<ol style="list-style-type: none"> <li>Railing and its foundation needs to be repaired.</li> <li>Reinforced exposed work found repaired.</li> <li>Finishing work of inlet chamber chamber need to done properly</li> <li>Toe guard to be Provide in hand-railing.</li> <li>FRP coating need to provide in hand-railing.</li> </ol>		27.11.2021		Pending
2	Gates /Valves and Covering Shed	Need Overhauling / Replacement		<ol style="list-style-type: none"> <li>Gate may be motorized if possible</li> <li>Hand railing to be replaced .</li> <li>Level transmitter to be replace .</li> <li>Shed to be replace</li> <li>TWL marking could be done with paint.</li> </ol>		27.11.2021		Pending
B	Fine Screen Chamber (Mechanical / Manual )							
3	Screen Chamber (Civil)	Need Renovation		<ol style="list-style-type: none"> <li>Renovation work found not properly.</li> <li>Outer side RCC wall leakages must be grouting under Renovation work.</li> <li>Garbages like Plastic bags,leather pieces, clothes must be removed from Belt conveyor of Screen Chamber regularly.</li> <li>Need to be replaced the gates.</li> <li>Proper Lighting need to be provided at Screen area.</li> <li>Level scale should be properly clean and marking should be clearly visible.</li> <li>MS Fabrication equipment &amp; tools along with MS Shed also corroded &amp; losses its strength.</li> <li>In MS shed pipes are corroded &amp; Colour of shed also worn out.</li> <li>Mechanical Screen not working with auto system and without sensor .Need to be fixed the auto system immediately.</li> <li>New Cables should be laid properly in cable trays</li> <li>FRP coating pending in Hand-railing, screen channel area</li> </ol>		27.11.2021		Pending
4	Mechanical Fine Screen no. 1	Non -Operational/ Under Maintenance		<ol style="list-style-type: none"> <li>Mechanical Fine Screen are need to be installed as per approved drawing.</li> <li>Screen erection/ installation work is not verified by STC .</li> <li>Mechanical Screen not working with auto system and without sensor, need to be fixed the auto system immediately.</li> <li>Procedure of screens have not been submit by KRMPL.</li> <li>Without getting approval for shut down and charging the Raw sewage for the same work. KRMPL has not been submitted any approval.</li> <li>Cable dressing not done properly.</li> <li>Screen motor cable gland are not fixed.</li> </ol>		27.11.2021		Pending

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5	Mechanical Fine Screen no. 2	Non-Operational/ Under Maintenance		<ol style="list-style-type: none"> <li>Mechanical screen of teeth are damaged , KRMPL has not been repaired.</li> <li>Screen needs to be clean periodically depends on the sewage.</li> <li>Mechanical Screen not working with auto system and without sensor .Need to be fixed the auto system immediately.</li> <li>New Cables should be laid properly in cable trays.</li> <li>Screen panel sensor screen not fixed .</li> </ol>		27.11.2021		Pending	
6	Mechanical Fine Screen no. 3	operated		<ol style="list-style-type: none"> <li>Mechanical Fine Screen are need to be installed as per approved drawing.</li> <li>Screen erection/ installation work is not verified by STC .</li> <li>Mechanical Screen not working with auto system and without sensor, need to be fixed the auto system immediately.</li> <li>Procedure of screens hasw not been submit by KRMPL.</li> </ol>		27.11.2021		Pending	
7	Manaul Screen no. 1	Under installtion		<ol style="list-style-type: none"> <li>KRMPL has been installed manual screen.</li> <li>KRMPL not fix anchore fasner, KRMPL provide accoding to SS316/SS304 anchor fashaner.</li> </ol>		27.11.2021		Pending	

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C	Grit Chamber								
8	Grit Chamber	Structure Civil work done and Mechanical work will start accordingly		<ol style="list-style-type: none"> <li>1.Repairing of Grit chamber done as per schedule.</li> <li>2.Contractor is instructed to fill the water for hydrotest work on Grit Chamber 03</li> <li>3.Renovation in screw conveyor channel is pending.</li> </ol>		27.11.2021		Pending	
9	Grit Mechanism-1	operational		<ol style="list-style-type: none"> <li>1.Renovation work found satisfactory.</li> <li>2. Organic pump need to be installed as per approved drawing.</li> <li>3.Cable need to be layed at Cable tray as per approved drawing.</li> <li>4.LPBS need to be installed as per approved drawing.</li> <li>5. Mobil leakage in grit no 1, KRMPL need to be fix it.</li> <li>6. KNOP Houter not working.</li> <li>7.TWL marking should be done with paint.</li> </ol>		27.11.2021		Pending	
10	Grit Mechanism-2	Operated		<ol style="list-style-type: none"> <li>1.Renovation work found satisfactory.</li> <li>2. Organic pump need to be installed as per approved drawing.</li> <li>3.Cable need to be layed at Cable tray as per approved drawing.</li> <li>4.LPBS need to be installed as per approved drawing.</li> <li>5.Torque switches installation done without canopy at all equipment.</li> <li>6.Hooter is fixed on railing with temporary cable tie, which is not proper and unacceptable.</li> <li>7.Power supply is given to torque switch &amp; associated equipment from temporally MCB. Permanent supply is to be provided.</li> </ol>		27.11.2021		Pending	
11	Grit Mechanism-3	Operated		<ol style="list-style-type: none"> <li>1.Repairing of Grit chamber done as per schedule.</li> <li>2.Contractor is instructed to fill the water for hydrotest work on Grit Chamber 03</li> <li>3.Renovation in screw conveyor channel is pending</li> <li>4.Grit Mechanism No. 3 torque switch was not in working condition.</li> <li>5.Cable dressing not done properly.</li> <li>6. Toeguard need to be provide in handrailing</li> </ol>		27.11.2021		Pending	
12	Grit Classifier -1	operational		<ol style="list-style-type: none"> <li>1. Need to be repaired immediately.</li> <li>2. Grit Classifier alignment has not been done by KRMPL as per approved drawing.</li> <li>3.LPBS need to be installed work is pending</li> </ol>		27.11.2021		Pending	

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13	Grit Classifier -2	Not Proper operational		<ol style="list-style-type: none"> <li>1. Need to be repair immediately and to be replace as per the CA</li> <li>2. Grit Classifier alignment has not been done by KRMPL as per approved drawing.</li> <li>3. Organic pump need to be replaced as per approved drawing.</li> <li>4. LPBS need to be installed work is pending</li> </ol>		27.11.2021		Pending		
14	Grit Classifier -3			<ol style="list-style-type: none"> <li>1. Repairing of Grit chamber done as per schedule.</li> <li>2. Contractor is instructed to fill the water for hydrotest work on Grit Chamber 03</li> <li>3. Renovation in screw conveyor channel is pending.</li> <li>4. LPBS need to be installed work is pending</li> </ol>		27.11.2021		Pending		
D	Parshall flume and flow meter									
16	Parshall Flume and Flow Channel (Civil)	Structure renovation work done		<ol style="list-style-type: none"> <li>1. Channel renovation work done but hydrotest of this channel is pending.</li> <li>2. Painting procedure has been submitted by KRMPL.</li> <li>3. Level scale need to be installed for proper flow measurement.</li> </ol>		27.11.2021		Long Pending		
						27.11.2021		Pending		
18	Flow meter	Operational		<ol style="list-style-type: none"> <li>1. Flow meter found working and under the trial run.</li> <li>2. Meter box to be install at site.</li> <li>3. Cable to be laid properly in cable tray and conduit pipe.</li> </ol>		27.11.2021		Long Pending		
E	Distribution Chamber -1	Civil renovation work not proper done.		<ol style="list-style-type: none"> <li>1. Only outer face of distribution chamber for Primary sedimentation tank partially done by KRMPL.</li> <li>2. Inside Rcc wall, base and platform required renovation work.</li> <li>3. Reinforced exposed and need to be repaired</li> <li>4. Sluice gate need to be replace</li> </ol>		27.11.2021		Long Pending		
19	Civil works			<ol style="list-style-type: none"> <li>1. Cleaning and finishing work to be done in DC1</li> <li>2. Pole light found damage and needs to be replace.</li> <li>3. Railing need to be replaced / repaired</li> </ol>		27.11.2021		Long Pending		

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20	Gates (3 in nos)	Operational / Needs to be renovated		1. Operational wheel found missing and needs to install for proper operation of the gates. 2. Damaged precast slabs need to be replaced.		27.11.2021		Long Pending	
F	<b>Primary Sedimentation tank</b>								
21	Primary Sedimentation tank-1	Operated/ found in overflow condition		1. Scum Box design need to be changed. 2. Weir plate to be replaced at damaged portion. 3. PST mechanism to be replaced and install. 4. Remote system to be installed for PST-1. 5. Cable to be laid in cable tray. 6. Stair hand-railing need to be provide. 7. TWL marking should be done with paint. 8. Fencing to be provide on Truss platform. 9. LPBS need to be installed as per approved drawing. 10. Torque switches installation done without canopy at all equipment. 11. Hooster is fixed on railing with temporary cable tie, which is not proper and unacceptable. 12. Power supply is given to torque switch & associated equipment from temporarily MCB. Permanent supply is to be provided. 13. Torque switch alarm not working properly.		01.03.2021		Long Pending	
22	Primary Sedimentation tank-2	Operated/ found in overflow condition		1. Need to construct RCC one step staire platform. 2. TWL marking should be done with paint. 3. Fencing to be provide on Truss platform. 4. Stair hand-railing need to provide in PST-2 5. LPBS need to be installed as per approved drawing. 6. Torque switches installation done without canopy at all equipment. 7. Hooster is fixed on railing with temporary cable tie, which is not proper and unacceptable. 8. Power supply is given to torque switch & associated equipment from temporarily MCB. Permanent supply is to be provided. 9. Torque switch screen show error during testing. 10. Scum Box design need to be changed.		27.11.2021		Long Pending	
23	Primary Sedimentation tank-3	Under maintenance		1. Plastering and finishing work to be done at PST-3. 2. Weir plate to be replaced at damaged portion. 3. PST-3 mechanism to be replaced and install. 4. Remote system to be installed for PST-3.		01.03.2021		Long Pending	
G	<b>Distribution Chamber -2</b>					27.11.2021			
24	Civil works	Renovation work and finishing work to be done							
25	Gates (3 in nos)	Need to be overhaul / replace		1. Operational wheel to be install for each Gate.					

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H	Aeration tank	18 New aerators has been installed.		<ol style="list-style-type: none"> <li>In Aeration Tank platform Slab, where machine is mounted vibrated tremendously, Slab &amp; beam strengthening is required to increase weight of Unit</li> <li>Increasing weight of RCC member's vibration will be controlled.</li> <li>KRMPL Instructed to submit the structural strengthening Methodology for Aeration Tank .</li> <li>Aeration outlet gate to be replace .</li> </ol>		27.11.2021		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"> <li>Civil structure found in poor condition and need to be rehabilitate.</li> <li>Columns need to be reinforced.</li> <li>Walkway to be strengthen and repaired.</li> <li>New Hand railing need to be installed on walkway.</li> <li>GAD of Hand railing and material certificate of hand railing needs to be furnished.</li> <li>Base plate of Hand railing needs to be blasting and painting after approval from UPJN.</li> <li>Certify the tye of anchors and fastening. (Nuts/bolts)</li> <li>Jajmau existing Aeration Fountain Tank is very old. It's Concrete &amp; Reinforcement badly deteriorated due to surrounding corrosive atmospheric condition. Concrete cover cracked &amp; inside Steel exposed to corrosive atmosphere which is very dangerous. Most of Columns edges are eroded, damaged &amp; Spalling of concrete appeared. To maintain proper Strength of Concrete &amp; Steel 'Concrete Jacketing' method should be applied for its Strengthening.</li> </ol>	Handrailing work in progress	27.11.2021		Long Pending
27	Aerator no. 1	Operated		<ol style="list-style-type: none"> <li>Aerators need to be overhaul / replace.</li> <li>Coupling of Aerator improper: it need to be fixed properly.</li> <li>Painting of gear box need to bedone.</li> <li>New cable need to be fixed with new cable gland.</li> <li>Canopies to be installed on the top of motors.</li> <li>Cable need to be laid in cable tray.</li> <li>LPBS system need to be install at site</li> </ol>		27.11.2021	Long 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/ Civil work in progress		<ol style="list-style-type: none"> <li>Civil structure found in poor condition and need to be rehabilitate.</li> <li>Columns need to be reinforced.</li> <li>Walkway to be strengthen and repaired.</li> <li>New Hand railing need to be installed on walkway.</li> <li>GAD of Hand railing and material certificate of hand railing needs to be furnished.</li> <li>Base plate of Hand railing needs to be blasting and painting after approval from UPJN.</li> <li>Certify the tye of anchors and fastening. (Nuts/bolts).</li> <li>Cable need to be laid in cable tray.</li> <li>LPBS system to be install at site</li> <li>Jajmau existing Aeration Fountain Tank is very old. It's Concrete &amp; Reinforcement badly deteriorated due to surrounding corrosive atmospheric condition. Concrete cover cracked &amp; inside Steel exposed to corrosive atmosphere which is very dangerous. Most of Columns edges are eroded, damaged &amp; Spalling of concrete appeared. To maintain proper Strength of Concrete &amp; Steel 'Concrete Jacketing' method should be applied for its Strengthening.</li> <li>Cleaning work in progress</li> </ol>	Railing work in progress	27.11.2021		Long Pending
34	Aerator no. 7	Under renovation		<ol style="list-style-type: none"> <li>Aerators need to be overhaul / replace.</li> <li>Canopies to be installed on the top of motors.</li> <li>Cable to be laid in cable tray.</li> <li>LPBS system to be install at site</li> </ol>		27.11.2021	Long Pending	
35	Aerator no. 8							
36	Aerator no. 9							
37	Aerator no. 10							
38	Aerator no. 11							
39	Aerator no. 12							

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40	Aeration Tank no. 03 (Civil Works)	Structure found in poor condition and needs to be rehabilitate		<ol style="list-style-type: none"> <li>Civil structure found in poor condition and need to be rehabilitate.</li> <li>Columns need to be reinforced.</li> <li>Walkway to be strengthen and repaired.</li> <li>New Hand railing need to be installed on walkway.</li> <li>GAD of Hand railing and material certificate of hand railing needs to be furnished.</li> <li>Base plate of Hand railing needs to be blasting and painting after approval from UPJN.</li> <li>Certify the tye of anchors and fastening. (Nuts/bolts).</li> <li>Cable need to be laid in cable tray.</li> <li>LPBS system to be install at site</li> <li>Jajmau existing Aeration Fountain Tank is very old. It's Concrete &amp; Reinforcement badly deteriorated due to surrounding corrosive atmospheric condition. Concrete cover cracked &amp; inside Steel exposed to corrosive atmosphere which is very dangerous. Most of Columns edges are eroded, damaged &amp; Spalling of concrete appeared. To maintain proper Strength of Concrete &amp; Steel 'Concrete Jacketing' method should be applied for its Strengthening.</li> </ol>		27.11.2021		Long Pending		
41	Aerator no. 13	Operated		<ol style="list-style-type: none"> <li>Aerators need to be overhaul / replace.</li> <li>Canopies to be installed on the top of motors.</li> <li>Cable need to be laid in cable tray.</li> <li>LPBS system to be install at site</li> </ol>		27.11.2021		Long Pending		
42	Aerator no. 14									
43	Aerator no. 15									
44	Aerator no. 16									
45	Aerator no. 17									
46	Aerator no. 18									
I	<b>Distribution Chamber-3</b>									
47	Civil works	To be renovated		<ol style="list-style-type: none"> <li>Cleaning and finishing work to be done in this chamber.</li> <li>Railing to be replaced / repaired</li> </ol>		27.11.2021		Long Pending		
48	Gates (3 in nos)	Operated		<ol style="list-style-type: none"> <li>Operational wheel found missing ad needs to install for proper operation of the gates.</li> <li>Damaged precast salbs need to be replaced.</li> </ol>		27.11.2021		Long Pending		
J	<b>Final Sedimentation Tank</b>									
49	Final Sedimentation Tank no.1	Operated/ found in overflow condition		<ol style="list-style-type: none"> <li>Plastering and finishing work to be done at FST-1.</li> <li>Weir plate to be replaced at damaged portion.</li> <li>FST-1 mechanism to be replaced and install.</li> <li>Remote system to be installed for FST-1.</li> <li>Cable need to be laid in cable tray.</li> <li>Torque switch not working. need to be install at site</li> </ol>	7.LPBS system	01.03.2021		Long Pending		
50	Final Sedimentation Tank no.2	Operated		<ol style="list-style-type: none"> <li>Need to be extension width and proper alignment accoringly truss of Concrete stair.</li> <li>Stair hand-railing need to be provide</li> <li>Crack repair work and epoxy coating work is pending in raft top.</li> <li>No renovation work done by KRMPL of Central shaft of FST 02.</li> <li>Renovation of interconnection pipeline for sewage and sludge required.</li> <li>LPBS system need to be install at site</li> </ol>		27.11.2021		Long Pending		

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51	Final Sedimentation Tank no.3	Under maintenance		1. Final sedimentation -3 are under renovation		01.03.2021		Long Pending	
K	Treated Effluent Pump House			1. 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. 2. Civil Drawing of pump foundation not submitted by KRMPL for Renovation work. 3. Out of 11 pumps only 4 Nos. pump has been working at site and 4,5,6,7 8, Nos. Pump are not in working condition.		27.11.2021		Long Pending	
52	Treated Effluent sump (Civil)	Structure is in damaged condition and found in overflow condition		1. New TEPH cum Sump has already been proposed in CA and needs to keep this sump in working condition till the renovation period.		27.11.2021		Long Pending	
53	Treated Effluent Pump House (Civil)	Structure is in bad condition.		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.	Total 5 nos of pumps were found in operation and 1 more pump to be install soon after overhauling	27.11.2021		Long Pending	
54	TEPH Pump no.1	5 nos. of pumps are found in operation & 4nos. of pumps found in not in working condition and balance 02 nos. is missing since Handover		1. All pumps needs to be repaired and get operational. 2. Civil Drawing of pump foundation not submitted by KRMPL for Renovation work. 3. Out of 11 pumps only 4 Nos. pump has been working at site and 4,5,6,7 8, Nos. Pump are not in working condition.. 4. Lighting arrangement and Cable to be laid in cable tray. 5. The rammer and vibration meter should be at site. 6. Railing to be repaired till the renovation period. 7. Motor cover to be arranged. 8. Pressure guage are found in damaged condition and need to be replaced. 9. Concessionaire should maintain log book of the pumps for proper record maintenance. 10. Leakage has been detected 2 number pump which are in operation, and directed to repair the same immediately. 11. LBPS system to be install at site 12. Cable tray need to be painted immediatly		27.11.2021		Long Pending	
55	TEPH Pump no.2								
56	TEPH Pump no.3								
57	TEPH Pump no.4								
58	TEPH Pump no.5								
59	TEPH Pump no.6								
60	TEPH Pump no.7								
61	TEPH Pump no.8								
62	TEPH Pump no.9								
63	TEPH Pump no.10								
64	TEPH Pump no.11								
L	Return Sludge Pump House								

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65	Return sludge Sump (Civil)	Needs rehabilitation		1.Civil renovation work done.		27.11.2021		Long Pending		
66	Return Sludge Pump House (Civil)	Needs rehabilitation		1.Only outer face painting work done . 2. Dewatering arrangement need to be arrange. 3.Foundation renovation work need to be done. 4. Renovation work of internal wall need to be done. 5.Lighting arrangement and Cable to be laid in cable tray. 6.LPBS system to be install at site 7.Cable need to be dressed properly 8.All Indor Light to be replace immediately 9.Window need to be replace and Painting work not done Properly.		27.11.2021		Long Pending		
67	Return Sludge Pump no. 1	3 pumps operational and 1 found not working.		1.Out of 4 Nos of pump only 3 Nos is working at site & 1 no. pump is under renovation. 2.Cables to be arranged in proper manner and should be laid in cable tray. 3.Leakage has been detectedc in the pipes connecting to the Pumps. 4.Out of 4 nos. panel only 2 panel found in working condition and needs. 5.LPBS system to be install at site		01.03.2021		Long Pending		
68	Return Sludge Pump no. 2									
69	Return Sludge Pump no. 3									
70	Return Sludge Pump no. 4									
M	<b>Blending Tank</b>									
71	Civil works	Belding tank found partially rennovate		1. Structre should be strength and visibide bars to be covered with concrete. 2. Cleaning work need to be done. 3. Interconnection of sludge pipe line for Inlet and Outlet cleaing is pending. 4. Cracks should be treated by Pressure grouting.		27.11.2021		Long Pending		
	Blending Tank	Operational		1.For blinding tank KRMPL submitted the design for proposed 1 no. agitator. 2.CCTV camra need to be reipaire or replace. 3.LPBS system to be install at site		01.03.2021		Long Pending		
72	<b>Gravity Sludge Thickeners</b>									
73	Gravity Sludge Thickener no. 1	functional		1.Cable to be laid in cable tray. 2.Hand railing to be replace installation done without canopy at all equipment. 4.Hooter is fixed on railing with temporary cable tie, which is not proper and unacceptable. 5. Power supply is given to torque switch & associated equipment from temporally MCB. Permanent supply is to be provided. alarm are not working.	3.Torque switches  6.Torque switch	27.11.2021		Long Pending		

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74	Gravity Sludge Thickener no. 2	Under maintenance		<ol style="list-style-type: none"> <li>Sludge Thickener found under maintenance</li> <li>Suggested to expedite the cleaning progress</li> <li>Civil structure to be repaired and make it free from any structural defects &amp; deficiencies.</li> <li>Plastering and finishing works to be done.</li> <li>Remote system to be installed for GST-2.</li> <li>Cable to be laid in cable tray.</li> <li>Sludge thickener no.2 is to be replaced.</li> <li>Hand railing to be replace .</li> </ol>	Desilting of the Sludge thickener in progress	01.03.2021		Long Pending		
O	<b>Thickened Sludge Pump House</b>									
75	Thickened sludge Pump House cum Sump (Civil works)	Structure needs rehabilitation		<ol style="list-style-type: none"> <li>Pump house structure needs plastering and finishing works.</li> <li>Cracks should be treated with proper technique.</li> <li>Remote system to be installed for TSPH.</li> <li>Cable to be laid in cable tray.</li> <li>All Thickened sludge pumps to be replaced as per CA.</li> <li>Dewatering pump to be installed for removing extra water.</li> <li>EOT crane /lighting /exhaust fan to be inslatted .</li> <li>Window need to be replaced.</li> <li>Civil Renovation work required in RCC Stair.</li> </ol>		27.11.2021		Long Pending		
76	Thickened Sludge Pump no.1	under renovation		1. New pump installation work ongonig. 2. New valves & pipe line need to be installed.						
77	Thickened Sludge Pump no.2	under renovation		1. New pump installation work ongonig. 2. New valves & pipe line need to be installed.						
78	Thickened Sludge Pump no.3	operated		1.lubrication and cleaning works as required		27.11.2021		Long Pending		
79	Thickened Sludge Pump no.4	operated		<ol style="list-style-type: none"> <li>lubrication and cleaning works as required</li> <li>indor ligHting need to be repalce immediately</li> <li>Cable need to be dressed properly</li> <li>Cable tray need to be painted</li> <li>Digester cleaning work can be done with safety precaution .</li> <li>All 4 Nos. pump required replaced as per existing facilities.</li> <li>LPBS system to be install at site</li> </ol>						
P	<b>Primary Sludge Digesters</b>									
80	Primary Sludge Digester no. 1	Under maintenance		<ol style="list-style-type: none"> <li>Removal of centrally located sludge mixing shaft from Primary Digester 1.</li> <li>Gate to be overhaul</li> <li>Civil Structure of the Digester to be renovate and cracks to be treated.</li> <li>Leakage to be Arrested in the Digester.</li> <li>Installation of the Railing at the boundary of the dome.</li> <li>Finishing work to be done.</li> </ol>		27.11.2021		Long Pending		

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81	Primary Sludge Digester no. 2	Not operational		<ol style="list-style-type: none"> <li>Cleaning work of Primary digester done partially.</li> <li>Gate to be overhaul.</li> <li>Civil Structure of the Digester to be renovate and cracks to be treated.</li> <li>Leakage to be Arrested in the Digester.</li> <li>Installation of the Railing at the boundary of the dome.</li> <li>Finishing work to be done.</li> <li>Sludge Digester no.2 is under cleaning but no any safety precausion during cleaning.</li> <li>Safety officer not avilable at site.</li> </ol>		27.11.2021		Long Pending
Q	<b>Secondary Sludge Digester</b>							
82	Secondary Sludge Digester	Not operational		<ol style="list-style-type: none"> <li>Structre fond in worse condtion and need to be renovate.</li> <li>Gate to be overhaul</li> <li>Civil Structure of the Digester to be renovate and cracks to be treated.</li> <li>Leakage to be Arrested in the Digester.</li> <li>Installation of the Railing at the boundary of the dome.</li> <li>Finishing work to be done.</li> </ol>		01.03.2021		Long Pending
R	<b>Digested Sludge Pump House</b>							
83	Digested Sludge Pump House cum Sump (Civil works)	Need to be renovated		<ol style="list-style-type: none"> <li>Sump to be clean and renovate.</li> <li>Installation of the railing on the boundary of the sump.</li> <li>Precast cover to be replaced or constructed on the sump.</li> <li>Stairs at the pump house to be renovate.</li> <li>Plastering work and finshing work to be done in the pump house.</li> <li>Foundation of the pumps to be repaired.</li> <li>Railing to be repair in the Pump house.</li> <li>LPBS System to be installed .</li> <li>Cable need to be laid in cable tray.</li> <li>Dewatering pump to be installed.</li> </ol>		01.03.2021		Long Pending
84	Digested Sludge Pump no.1	under renovation		<ol style="list-style-type: none"> <li>New pump installation work need to be done before Magah fair. 2. New valves &amp; pipe line need to be installed.</li> </ol>		01.03.2021		Long Pending
85	Digested Sludge Pump no.2							
86	Digested Sludge Pump no.3							
87	Digested Sludge Pump no.4							
S	<b>Centrifuge</b>							
88	Centrifuge Building (Civil Works)	Operational		<ol style="list-style-type: none"> <li>reinforcement of Ground floor roof slab in progress for 4 no of belt filter press</li> <li>Railing and steel ladder to be repaired or replaced as per site condition.</li> <li>Housekeeping to be done.</li> <li>Sign boards are required.</li> <li>No approach road found at site to get on thsi unit/component.</li> <li>Proper lighting arrangement to be required at site.</li> <li>As per CA centrifuge to be repalced.</li> <li>All centrate pump 4 no. to be replace.</li> <li>plinth level, improper Column bar lapping found in Belt filter building. Column Starters steel shifted in one side &amp; Cover for column is not same out at periphery.</li> </ol>		01.03.2021		
89	Centrifuge Pump no.1	All centrifuge were in dilapidated condition and dismantling work is completed		As per CA centrifuge to be repalced.		01.03.2021		
90	Centrifuge Pump no.2							
91	Centrifuge Pump no.3							

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92	Centrifuge Pump no.4	by KRMPL								
T	<b>Centrate / Supernatant Pump House</b>					01.03.2021				
93	Centrate Building cum Sump (Civil works)			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 this unit/component. 6. Proper lighting arrangement to be required at site.				Long Pending		
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 .				Long Pending		
96	Supernatant Pump no.3	Pump already dismantled by KRMPL		As per CA pump to be replaced .				Long Pending		
97	Supernatant Pump no.4	Pump already dismantled by KRMPL		As per CA pump to be replaced .				Long Pending		
U	<b>Gas Holder</b>							Long Pending		
98	Gas Holder no. 1	Not functional		1. Civil structure needs to be repaired and renovate. 2. MS Dome to be repaired. 3. Railing to be repaired 4. Valves need to be overhaul or repair. 5. Plastering and finishing work to be done in the civil structure.		01.03.2021		Long Pending		
99	Gas Holder no. 2	Not functional		1. Civil structure needs to be repaired and renovate. 2. MS Dome to be repaired. 3. Railing to be repaired 4. Valves need to be overhaul or repair. 5. Plastering and finishing work to be done in the civil structure.		01.03.2021		Long Pending		
V	<b>Gas Scrubbers</b>									
100	Gas Scrubber no.1	Dismantling in progress by KRMPL		1. As per CA, Gas scrubber unit to be repalced. 2. While dismantling the Scrubber building all safety measures should be followed by KRMPL to avoid future accidents				Long Pending		
101	Gas Scrubber no.2	Dismantling in progress by KRMPL		As per CA, Gas scrubber unit to be repalced.		01.03.2021		Long Pending		
102	Gas Scrubber no.3	Dismantling in progress by KRMPL		As per CA, Gas scrubber unit to be repalced.				Long Pending		
W	<b>Gas Flaring Unit</b>									
103	Gas Flaring no.1	Dismantling in progress by KRMPL		As per CA, Gas Flaring to be replaced.		01.03.2021		Long Pending		
104	Gas Flaring no.2	Dismantling in progress by KRMPL								
X	<b>Bio gas Compressor</b>					01.03.2021				
105	Biogas Compressor Building									
106	Bio gas Compressor no.1	Dismantling done by KRMPL								
107	Bio gas Compressor no.2	Dismantling done by KRMPL								

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108	Bio gas Compressor no.3	Dismantaling done by KRMPL		As per CA, Biogas compressor to be replaced .		01.03.2021		Long Pending	
109	Bio gas Compressor no.4	Dismantaling done by KRMPL							
110	Bio gas Compressor no.5	Dismantaling done by KRMPL							
Y	<b>Dual Fuel Generator</b>					01.03.2021			
111	DFG no.1	not oprated		1.Proper lighting arrangement to be required at site. 2.DFG to be replaced as per CA and BEP. 3.Overating of DFG calculation need to be of 2 DFG for plant operation sets are available at site for power backup.  4.2 nos Rental DG		01.03.2021		Long Pending	
112	DFG no.2	Operated							
113	DFG no.3	Operated							
114	DFG no.4	not oprated							
115	DFG no.5	not oprated							
Z	<b>Filtrate Pump</b>					01.03.2021			
116	Filtrate pump cum Sump (Civil works)			1.Civil structure needs finishing work to be done.				Long pending	
117	Filtrate Pump no.1	Not working		As per BEP, Filtrate pump to be replaced.					
118	Filtrate Pump no.2	Not working							
AA	<b>Substation 11kv/433</b>	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.				pending	
AB	<b>New Units (Construction)</b>					01.03.2021			
119	TEPH cum Sump			1.Shifting of existing of Utilities at proposed CCT and TEPH area. 2.Site Clearance required. 3. Shuttering and reinforcement of wall is in progress 3. Spacing and Devlopment length not proper 4.					
120	Chlorine Contact tank	To be constructed/ inprogress							
121	Note:-			1.The Slude removal is still not be done properly . from temporary pond not done daily. O&M no any arrangement for boundary wall	2.Sludge withdrwal 3 . Safety & Security of facility under				
<b>Remarks:</b>				<b>Signature:</b>  <b>TEAM LEADER</b>					