2021

IoT Data Integration

IOT BASED MODELLING NIC DDWS CELL

Department of Drinking Water and Sanitation | Ministry of Jal Shakti

Workflow

IoT Agency Registration

•Create new account for login

User Activation (by admin)

• Registered user is activated after approval by admin

IoT Agency Login

- •Login using Registered Email Id as User ID
- Password is 10-digit registered password

Site Setup

•Enter Village Level Information

Sensor Registration

•Enter Sensor devices details

Gateway Mapping Information

•Gateway Device ID/Name mapping with Sensor Device ID/Name

Data Synchronization using Web API POST Method

- •Flow Meter
- •Chlorine Analyzer
- •Ground Water
- Pressure Sensor
- •ph Level
- Turbidity

Registration

Steps to register on IoT website are illustrated as follows:

- 1. Open URL for https://ejalshakti.gov.in/IoT_Web/Registration
- 2. Registration form appears on screen as shown here:

JJM -IOT Jal Jeevan Mission Real time data integration	Department of Drinking Water & Sanitation Ministry of Jal Shakti (601)
Registration Login	Contact Us
Registration Login	Registration Please fill in this form to create an account! Email As (Login Id) Agency Registartion Number Name of Agency Address Please State Please District Pin Code Contact Person Name 10 Digit Mobile No. 10 Digit Phone No. Submit Aready Registered? Login here
Har Ghar Jal - Jal Jeevan Mission, "B	uilding Partnerships Changing Lives"

3. Fill details in form to create an account.

4. Click the **Submit** button. as shown in figure below:

Please fill in this form to create an account! newiottestuser@gmail.com 10000
Registration Please fill in this form to create an account! newiottestuser@gmail.com 10000
newiottestuser@gmail.com
New IoT Test
Delhi
Delhi South West
110004
New IoT Test User
9012345678
9012345678

As soon as Submit button is clicked, the alert message appears on screen 5. Click **OK** to proceed further.



Note: Once, the registration has been done successfully, user can login into website using Email Id as login Id and password as 10-digit mobile number.

User Activation (by Admin)

Steps to activate user (by Admin) into IoT website are illustrated as follows:

- 1. Click Login tab available on home screen to login into website.
- 2. Once, Login tab is clicked, login form appears on screen.
- 3. Admin enters his/her credentials and captcha.
- 4. Admins clicks Log in button

Registration Login Contact Us	
Log In Enter Registered Email Enter Registered Mob Number Support Support S	

As soon as Admin clicks Log in button, following screen appears:

JJM -IoT Jal Jeevan Mission Real time data integr	ation		Department of Drin	nking Water & Sanita Ministry of Jal Shakti	(GOI)	
Welcome : Administrator			Email :	Mob :) Logout	
Agency Registration Appro-	oval Registered Agency	Site Setup Information				
Agency App Choose Agency	Please choose Agency	v				

Now, Admin can approve Agency by choosing agency from **Choose Agency** drop-down menu, as shown in figure below:

Agency Ap	proval		
Choose Agency	New IoT Test	~	
Agency Information	n		
Agency Name:-	New IoT Test	Email Id:-	newiottestuser@gmail.com
Registration No.:-	10000	Address:-	Delhi
State:-	Delhi	District:-	South West
Pin Code:-	110004	Contact Person Name:	New IoT Test User
Mobile No.:-	9012345678	Phone No.:-	9012345678
		Click here to Approve	

5. Click **Click here to Approve** button available on screen to approve the Agency.

As soon as **Click here to Approve** button is clicked, following alert message appears, as shown in figure.

6. Click **OK** button to proceed further.



When Admin approves Agency, its information will be displayed under **Registered Agency** tab, as shown below:

Agency Re	gistration Approval	Registered	Agency Site Setup Information						
List	List of Registered Agency								
Sr No.	Registration No.	Agency Name	Address	Contact Person Name	MobileNo	Email	More Information		
	10000	New IoT Test	Delbi	New IoT Test Liser	9012345678	newiottestuser@gmail.com	Show More		

Once, Agency is approved by Admin, user can login using his/her credentials to login into IoT website.

Login (By Approved User)

Steps to login into IoT website are illustrated as follows:

- 1. Click Login tab available on home screen to login into website.
- 2. Once, Login tab is clicked, login form appears on screen:

Registration Login	Contact Us
	Log In Enter Registered Email Enter Registered Mob Number ZffmXV © Enter above captcha tex Log In Register

- 3. Enter registered **Email Id** and **Mobile number** to login.
- 4. Enter **Captcha** displayed on screen.
- 5. Click **Log in**, as shown in figure below:

Registration Login	Contact Us
Log In rewicttestuse Comparison Rewicttestuse R	r@gmail.com

After successful login, user can enter details in the following order for:

Site Setup Sensor Registration Gateway Mapping Web API Registration				
	Site Setup	Sensor Registration	Gateway Mapping	Web API Registration

Site Setup

Steps to enter details for site related information are illustrated as follows:

1. After login, click **Site Setup** tab and following screen appears:

Setup Sensor R	egistration GateWay Mapping	W	eb API Registration		
Site Setup					
State	Please State	~	District	Please District	~
Block	Please Block	~	Gram Panchayat	Please Panchayat	*
Village	Please Village	~	Source	Please Source	~
Scheme			Sanction Year		
Location(Landmark)	Location				
Village Population	Village Population				
Village Habitation	Village Habitation				
VWSC Chairman	VWSC Chairman				
Treatment Type	Treatment Type				
Year of Commissioning	Please Year	~			
Latitude	Latitude				
Longitude					

Note: By default, Site Setup tab is displayed, after login.

- 2. Select State \rightarrow District \rightarrow Block \rightarrow Gram Panchayat \rightarrow Village
- 3. Select the **Source** from drop-down menu and, **Scheme** and **Sanction Year** appear automatically.
- 4. Enter Village Information details and click Submit button, as shown below:

Site Setup					
State Block Village Scheme	Uttar Pradesh ACHHNERA ABHAUDOPURA agra pws	~	District Gram Panchayat Source Sanction Year	Agra ABHAUDOPURA agra pws 2015-2016	* *
Village Information					
Location(Landmark)	Near Shiv Temple	G			
Village Population	4415				
Village Habitation	1				
VWSC Chairman	VWSC Chairman				
Treatment Type	Phytorid Technology				
Year of Commissioning	2020-2021	~			
Latitude	27.1667859				

5. As soon as **Submit** button is clicked, the following alert message appears on screen, as shown in following figure:



6. Click **OK** to proceed further.

Once, site setup information has been entered, user can perform the next step to enter sensor related information into the website.

Sensor Registration

Steps to enter details for sensor related information are illustrated as follows:

1. Click **Sensor Registration** tab and following screen appears:

ite Setup Sensor F	Registration Gate	Way Mapping	Web API Registration		
Sensor Regis	stration				
State	Please State		- District	Please District	~
Block	Please Block		Gram Panchayat	Please Panchayat	~
Village	Please Village		•		
Sensor Information					
Device Name	Device Name				
Device Type	Please Device Type		-		
Latitude	Latitude				
Longitude	Longitude				
Altitude	Altitude				
Model	Model				
Device Serial Number	Device Serial Numbe	r			
Power Mechanism	Power Mechanism				
Communication Module	Communication Mod	lule			
Date of Installation	DD/MM/YYYY	Ê			
Name of Installation Technician	Name of Installation	Technician			
			Submit		

- 2. Select State \rightarrow District \rightarrow Block \rightarrow Gram Panchayat \rightarrow Village
- 3. Enter **Sensor Information** details and click **Submit** button, as shown below:

e Setup Sensor Re	egistration GateWay Mapping	Web	API Registration		
Sensor Regist	tration				
State	Uttar Pradesh	~	District	Agra	•
Block	ACHHNERA	~	Gram Panchayat	ABHAUDOPURA	~
Village	ABHAUDOPURA	~			
Sensor Information					
Device Name	FM12345				
Device Type	FlowMeter	~			
Latitude	27.1667859				
Longitude	78.042495				
Altitude	170				
Model	MVC				
Device Serial Number	MVC12345				
Power Mechanism	Electric				
Communication Module	MODBUS RTU				
Date of Installation	06/09/2021				
Name of Installation Technician	Test User		(

4. As soon as **Submit** button is clicked, the following alert message appears on screen, as shown in following figure:



5. Click **OK** to proceed further.

Once, sensor information has been entered, user can perform the next step to enter gateway mapping information into the website.

Gateway Mapping

Steps to enter details for gateway mapping related information are illustrated as follows:

1. Click Gateway Mapping tab and following screen appears:

		apping Web API Registration		
Gatewa	y Mapping			
State	Please State	✓ District	Please District	~
Block	Please Block	✓ Gram Panchayat	Please Panchayat	~
Village	Please Village	~		
	sor Device Attach/Assoriated with Gatew	ay device		
Choose Sen				

- 2. Select State \rightarrow District \rightarrow Block \rightarrow Gram Panchayat \rightarrow Village
- 3. Enter Choose Sensor Device Attach/Associated with Gateway device details and click Submit button, as shown below:

Gateway	Mapping				
State	Uttar Pradesh		✓ District	Agra	~
Block	ACHHNERA		Gram Panchayat	ABHAUDOPURA	~
Village	ABHAUDOPURA		~		
Choose Sensor I					
Gateway Device Id	Device Attach/Associated with (GD1000	Gateway Device	Location	Near Market	
Gateway Device Id	Device Attach/Associated with (GD1000 Device Name	Gateway Device	Location	Near Market	
Gateway Device Id Sr No.	GD1000 GD1000 F100 F100 GD100	Gateway Device Device Chlorin	Location Type heLevel	Near Market	
Gateway Device Id	GD1000 GD1000 Device Name FL100 FM12345 GL40	Gateway Device Device Chlorin FlowM	Location Type beLevel eter	Near Market	
Gateway Device Id Sr No. 1 2 3 4	GD1000 GD1000 Device Name FL100 FM12345 GL100 PL100 PL100	Gateway Device Device Chiorin FlowM Ground	Location Type leLevel eter JWater rel evel	Near Market	

4. As soon as **Submit** button is clicked, the following alert message appears on screen, as shown in following figure:



5. Click **OK** to proceed further.

Once, gateway mapping information has been entered, the mapped sensor device details appears on screen, as shown in figure below:



User can also click on Excel icon to download the details of already mapped devices.

Note: The excel sheet will be downloaded in **Downloads** folder of computer.

Now, user can perform the last step to enter Web API information into the website.

Web API Registration

Steps for gateway mapping related information are illustrated as follows:

1. Click Web API Registration tab and following screen appears:

Web API -Key Token Generation Description:- Key Token used for Web API Header Authorization Key Value. Click here to get more information about IoT- Web API Description. Click here to download Villageld and Gateway id Master Data in Excel format:- Sr No. Api Method URL Key Token	
Web API -Key Token Generation Description:- Key Token used for Web API Header Authorization Key Value. Click here to get more information about IoT- Web API Description. Click here to download Villageld and Gateway id Master Data in Excel format:- Key Token Sr No. Api Method URL Key Token	
Description:- Key Token used for Web API Header Authorization Key Value. Click here to get more information about IoT- Web API Description. Click here to download Villageld and Gateway id Master Data in Excel format:-	
Click here to get more information about IoT- Web API Header Authorization Key Value. Click here to download Villageld and Gateway id Master Data in Excel format:-	
Click here to get more information about IoT- Web API Description. Click here to download Villageld and Gateway id Master Data in Excel format:- Str No. Api Method URL Action Key Token	
Click here to download Villageld and Gateway id Master Data in Excel format:- 🔀 Sr No. Api Method URL Action Key Token	
Sr No. Api Method URL Action Key Token	
1 FlowMeter https://ejalshakti.gov.in/IoT_API/API/FlowMeter Already Key Generated acd2968aa67d16fc2daffe9f1212090a90a55c45cbb68973ec0e09d60e7	Je704ae75a
2 PressureLevel https://ejalshakti.gov.in/IoT_API/API/Pressure Already Key Generated acd2968aa67d16fc2daffe9f1212090a90a55c45cbb68973ec0e09d60e7	Je704ae75a
3 GroundWater https://ejalshakti.gov.in/loT_API/API/GroundWater Already Key Generated c611524a355c0832068555baf3070dca77b1f2ffdcef489e538f21b85255	25317d6c9
4 ChlorineLevel https://ejalshakti.gov.in/IoT_API/API/Chlorine Already Key Generated bda2b8a6855effb712aa8c42f409629ede041654ab3aa5a9c1800f70de8	de8b210ba
5 pHLevel https://ejalshakti.gov.in/IoT_API/API/PhLevel Generate Key	
6 TurbidityLevel https://eialshakti.dov.in/IoT API/API/TurbidityLevel Generate Key	

By using Web API registration, user can:

• Generate Key for Web API header authorization, by clicking Generate Key button.

When Generate Key button is clicked, alert message appears as shown below:



Click **OK** to proceed further.

• Download master of Village ID and Gateway ID, by clicking Excel icon from screen.

Sample Excel sheet has been displayed for reference, as shown below:

Sr_No	StateName	districtname	BlockName	PanchayatName	VillageName	Villageld	GateWayld	AgencyName
1	Uttar Pradesh	Agra	ACHHNERA	ABHAUDOPURA	ABHAUDOPURA	0000397110	GD1000	New IoT Test
2	Uttar Pradesh	Agra	ACHHNERA	ABHAUDOPURA	ABHAUDOPURA	0000397110	GD2000	New IoT Test
3	Uttar Pradesh	Agra	AKOLA	ABHAYPURA	ABHAYPURA	0000396946	GD3000	New IoT Test
4	Uttar Pradesh	Agra	AKOLA	ABHAYPURA	ABHAYPURA	0000396946	GD4000	New IoT Test

Note: The excel sheet will be downloaded in **Downloads** folder of computer.

IoT Web APIs Description

Note: You can view web API description from <u>https://ejalshakti.gov.in/IoT_API/Help</u> and check functionality of Web APIs using **Postman** App.

- 1. FlowMeter API
- URL: <u>https://ejalshakti.gov.in/IoT_API/API/FlowMeter</u>
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
VillageId	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
WaterSupply	Water supply	integer	Required
LPCD	Liter per capita per day	decimal number	Required
Date	Date in format YYYY- MM-DD	date	Required

• Sample Input Format:

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "WaterSupply": 3,
    "LPCD": 4.0,
    "Date": "2021-09-06"
```

}

Note: You can copy the Village ID and Gateway ID from Excel downloaded from **Web API** registration tab

Steps to check functionality of wen APIs using Postman App:

- 1. Open **Postman** app on your computer, select method as **POST** from drop-down menu.
- 2. Enter URL in the **URL** section and in **Header** tab of **Postman**, enter **Authorization Key** as shown in figure below:

http	https://ejalshakti.gov.in/loT_API/API/FlowMeter							
POS	POST ~ https://ejalshakti.gov.ip/ 2 .er Send ~							
Paran Head	'arams • Authorization Headers (9) Body • Pre-request Script Tests Settings Cookies Headers • 8 hidden							
	KEY	VALUE	DESCRIPTION	••• Bulk Edit	Presets ~			
	Authorization	f3d801c65299f24e46a98c29830c1ab857566ebfe0cbb6ff0a						
	Кеу	Value	Description					

Note: You can copy the **Authorization** key from **Web API Registration** tab of <u>https://ejalshakti.gov.in/IoT_Web</u>

- 3. Now, click **Body** tab and select radio-button option as **raw** and **JSON** from drop-down menu, as shown in figure.
- 4. Enter input parameters and click **Send**, as shown below:

https://ejalshakti.gov.in/loT_API/API/FlowMeter	🖺 Save 🗸 🧷
POST v https://ejalshakti.gov.in/IoT_API/API/FlowMan 3	Send ~
Params Authorization Headers (9) Body Pre-request Script Tests Settings	Cookies
● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ∨	Beautify
1 8	
2 "VillageId": "0000397110",	
3 ··· "GatewayId": · "GD1000",	
4 ·· "WaterSupply": 3,	
5 ···LPCD": 4.0,	
6 · "Date": "2021-09-07"	
7	
8	

• Output:

As soon as **Send** is clicked, the output appears on screen as shown in figure below:

Body Cool	kies Headers (11)	Test Results			
Pretty	Raw Preview	Visualize	JSON 🗸		
1 5 2 3 4 3	"Status": true "Message": "su	, cess"			

In case, you enter incorrect **Authorization** key, (for instance replaced first letter 'f' with 'c'), as shown in figure below:

http	https://ejalshakti.gov.in/IoT_API/API/FlowMeter							
POS	POST ~ https://ejalshakti.gov.in/IoT_API/API/FlowMeter							
Paran Head	Params Authorization Headers (9) Body Pre-request Script Tests Settings Headers 8 hidden Cookies							
	KEY		VALUE	DESCRIPTION	000	Bulk Edit	Presets ~	
	Authorization c3d801c65299f24e46a98c29830c1ab857566ebfe0cbb6ff0a							
	Кеу		Value Description					

Now, when **Send** button is clicked, following output appears on screen:

Body Cool	kies Headers	(11) Test	Results		
Pretty	Raw Pre	eview V	/isualize	JSON 🗸	-
1 4 2 3 4 4	"Status": "Message";	true, "KeyToke	n not Mat	ched"	

Similarly, output for other Web APIs can be checked using **Postman** app.

2. <u>GroundWater API</u>

- URL: <u>https://ejalshakti.gov.in/IoT_API/API/GroundWater</u>
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
VillageId	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
Depth	Depth of Ground Water	integer	Required
Date	Date in format YYYY-MM-DD	date	Required

• Sample Input Format:

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "Depth": 3,
    "Date": "2021-09-06"
}
```

Input entered are displayed in figure:

https://ejalshaktl.gov.in/loT_API/API/GroundWater	🖺 Save 🗸 🖉
POST ~ https://ejalshakti.gov.in/loT_API/API/GroundWater	Send v
Params Authorization Headers (9) Body Pre-request Script Tests Settings	Cookies
none	Beautify
1 2 · "VillageId":-"00000397110", 3 · "GatewayId":-"Go1000", 4 · "Depth":-3, 5 · "Date":-"2021-09-09717:05:38.4072290+05:30" 6	1

• Output:

Body		Cool	kies He	aders (11) 1	fest Results			
Pr	retty	r	Raw	Preview	Visualize	JSON	×	⇒
	1 2 3 4	2400 2400	"Stat "Mess	us": true, age": "suce	ss"			

3. <u>Chlorine API</u>

- URL: https://ejalshakti.gov.in/IoT_API/API/Chlorine
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
VillageId	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
ChlorineData	Comprises set of date-time and Residual chlorine level	Collection of Chlorine Data	Required

• Sample Input Parameters:

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "ChlorineData": [
    {
        "TimeStamp": "2021-09-06T14:30:55.4239715+05:30",
        "ResidualCL": 2.0
    },
    {
        "TimeStamp": "2021-09-06T14:30:55.4239715+05:30",
        "ResidualCL": 2.0
    }
}
```

] }

Input entered are displayed in figure:

POST http	ps://ejalshakti 😐	+ 000	No Environment	
https:/	https://ejalshakti.gov.in/loT_API/API/Chlorine			
POST	POST ~ https://ejalshakti.gov.in/IoT_API/API/Chlorine			
Params	Authorization	Headers (9) Body Pre-request Script Tests Settings	Cooki	
none	e 🌒 form-data	🕽 x-www-form-urlencoded 💿 raw 🌑 binary 🌑 GraphQL JSON 🗸	Beautif	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	<pre>{ 'VillageId":- 'GatewayId": 'GatewayId": ''TimeSta ''TimeSta ''Residua ''Residua ''Residua ''Residua '''Residua '''IimeSta '''' } }</pre>	'0000397110', "GD1000", ":-[mp":-"2021-09-07T14:30:55.4239715+05:30", LCL":-2.0 mp":-"2021-09-07T14:20:55.4239715+05:30", LCL":-2.0		

• Output:

Body Cool	kies Headers (11) 1	fest Results		
Pretty	Raw Preview	Visualize	JSON $$	⇒
1 4 2 3 4 4	"Status": true, "Message": "suce	ss"		

4. Pressure API

- URL: <u>https://ejalshakti.gov.in/IoT_API/API/Pressure</u>
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
VillageId	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
PressureSensorData	Comprises set of date-time and pressure level	Collection of Pressure Sensor Data	Required

• Sample Input Parameters:

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "PressureSensorData": [
    {
        "TimeStamp": "2021-09-06T14:39:21.2903622+05:30",
        "Pressure": 2.0
    },
    {
        "TimeStamp": "2021-09-06T14:39:21.2903622+05:30",
        "Pressure": 2.0
    }
]
```

Input entered are displayed in figure:

POST http	s://ejalshakti • + ····	No Environment	~	
https://ejalshakti.gov.in/loT_API/API/Pressure				
POST	https://ejalshakti.gov.in/IoT_API/API/Pressure		Send ~	
Params	Authorization Headers (9) Body • Pre-request Script Tests Settings		Cookies	
none	● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ∨		Beautify	
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>{ "VillageId": "0000307110", "GatewayId": "GD2000", "PressureSensorData"::[" {</pre>			

• Output:

ody Cookies Headers (11) Test Resu
Pretty Raw Preview Visual
1 5 2 "Status": true, 3 "Message": "sucess" 4 2

5. <u>PHLevel API</u>

- URL: <u>https://ejalshakti.gov.in/IoT_API/API/PHLevel</u>
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
VillageId	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
PhLevelData	Comprises set of date- time and PH level	Collection of Ph Level input Data	Required

```
• Sample Input Parameters:
```

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "PhLevelData": [
    {
        "TimeStamp": "2021-09-06T14:43:58.8067943+05:30",
        "PH_Level": 2.0
    },
    {
        "TimeStamp": "2021-09-06T14:43:58.8067943+05:30",
        "PH_Level": 2.0
    }
]
```

Input entered are displayed in figure:

https://ejalshakti.gov.in/IoT_API/API/PHLevel	🖺 Save 🗸 🖉 🗉
POST ~ https://ejalshakti.gov.in/IoT_API/API/PHLevel	Send ~
Params Authorization Headers (9) Body Pre-request Script Tests Settings	Cookies
● none ● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ∨	Beautify
<pre>1 { 2VillageId": "0000396946", 3GatewayId": "604000", 4PhLeveData": [5{ 6</pre>	1

• Output:



6. <u>TurbidityLevel API</u>

- URL: <u>https://ejalshakti.gov.in/IoT_API/API/TurbidityLevel</u>
- Service method: POST
- Input Parameters:

Name	Description	Туре	Additional information
Villageld	10 digit Village ID	string	Required
Gatewayld	Gateway ID	string	Required
TurbidityLevelData	Comprises set of date-time and turbidity level	Collection of Turbidity Level Data	Required

• Sample Input Parameters:

```
{
    "VillageId": "sample string 1",
    "GatewayId": "sample string 2",
    "TurbidityLeveIData": [
    {
        "TimeStamp": "2021-09-06T14:48:56.1470563+05:30",
        "Turbidity": 2.0
    },
    {
        "TimeStamp": "2021-09-06T14:48:56.1470563+05:30",
        "TimeStamp": "2021-09-06T14:48:56.1470563+05:30",
        "TimeStamp": "2021-09-06T14:48:56.1470563+05:30",
        "Turbidity": 2.0
```

Input entered are displayed in figure:

POST http	5://ejalshakti • + •••	No Environment V		
https://ejalshakti.gov.in/loT_API/API/TurbidityLevel				
POST	https://ejalshakti.gov.in/IoT_API/API/TurbidityLevel	Send ~		
Params	Authorization Headers (9) Body Pre-request Script Tests Settings	Cookies		
none	● form-data ● x-www-form-urlencoded ● raw ● binary ● GraphQL JSON ∨	Beautify		
1 2 3 4 5 6 7 8 9 10 11 12 13 14	<pre>{ "VillageId": "0000396946", ""GatewayId": "GD4000", ""TurbidityLevelData": [""" ""TimeStamp": "2021-09-09T17:25:07.2445018+05:30", """ "" "Turbidity": 2.0 "" "" Turbidity": 2.0 "" "" Turbidity": 2.0 ""</pre>	I		

• Output Parameters:



}

IoT Reports Viewed by Admin

Reports that can be viewed by Admin after login using his/her credentials are:

- Registered Agency
- Site Setup Information

Registered Agency:

Steps to view **Registered Agency** report by Admin:

- 1. Login using credentials.
- 2. After successful login, select **Registered Agency** tab available on screen.
- 3. Click **Show More** option, as shown in figure below:

			2					
Agency Re	gistration Approval	Registered	Agency S	Site Setup Informatior				
List of Registered Agency								3
Sr No.	Registration No.	Agency Name	Address	Contact Person Name	MobileNo		More Informatio	\sim
1	10000	New IoT Test	Delhi	New IoT Test User	9012345678	newiottestuser@gmail.com	Show More	

As soon as **Show More** is clicked, alert message box appears as displayed on screen:

Registered Ag	ency information
Registration No.:-	10000
Agency Name:-	New IoT Test
Email:- MobileNo:- PhoneNo:- Contact Person Name: Address:-	newiottestuser@gmail.com 9012345678 9012345678 - New IoT Test User Delhi
State:- District:- Pin Code:-	Delhi South West 110004

4. Click **Close** to close alert message box.

Site Setup Information:

Steps to view Site Setup Information report by Admin:

- 1. Login using credentials.
- 2. After successful login, select Site Setup Information tab available on screen.
- 3. Click **Show More** option, as shown in figure below:

				2			
Agency Regi	stration Approval	Registered Agency	Site Setup Inf	ormation			
List	of Site Setup	-Village leve	I			X	3
Sr No.	State	District	Block	Gram Panchayat	Village	More Information	
1	Uttar Pradesh	Agra	AKOLA	ABHAYPURA	ABHAYPURA	Show More Information	
2	Uttar Pradesh	Agra	ACHHNERA	ABHAUDOPURA	ABHAUDOPURA	Show More Information	

As soon as **Show More** is clicked, alert message box appears as displayed on screen:

gency Name:- istrict:-	New loT Test Agra	:	State:- Block:-	Uttar Pradesh AKOLA
anchayat:-	ABHAYPURA		Village:-	ABHAYPURA
ource:-		Caupal	Par	
cheme:-		Caupal	Par	
anction Year:-		2015-20	016	
ocation(Landm	ark):-	Nera M	arket	
'illage Populati	on:-	3611		
'illage Habitati	on:-	2		
WSC Chairmar	10-	VWSC (Chairman	
reatment Type	-	Phytoric	d Technolo	ogy
ear of Commis	sioning:-	2019-20	020	
atitude:-		11.6233	77	
onaitude:-		92.7264	86	

4. Click **Close** to close alert message box.