

**IMPACT ASSESSMENT STUDY REPORT
OF
CSR ACTIVITIES**

BY



BHILWARA, RAJASTHAN

JINDAL SAW LIMITED

Plant Address: Araji No. 9697/6711

Near Tiranga Hills, Village: Pur,

Tehsil & Distt. Bhilwara, Rajasthan



DISCLAIMER

“This Impact Assessment Report (IAR) has been prepared and issued at the request of Jindal Saw Limited for their CSR Projects carried out during 2021-22 by Jindal Saw Limited as per the Companies Act, 2013.

SBA Enviro Systems Private Limited shall not be held responsible for any default committed by Jindal Saw Limited.

INTRODUCTION

Jindal Saw Limited is the foremost indigenous pipe producers and exporters. It became the first company in India to manufacture Submerged Arc Welded (SAW) Pipes using the internationally acclaimed U.O.E. ((U and O forming) technology.

Jindal Saw Limited is currently operating iron ore mine along with crushing & 2.5 MTPA capacity Iron Ore Beneficiation Plant and 1.5 MTPA Pellet Plant at Village, Pur, District Bhilwara, Rajasthan. With innovative ideas and international exposure, Jindal Saw Ltd. is upgrading low grade iron ore from Fe 25% to Fe above 65%. Iron ore concentrate thus produced is being pelletized in Pellet plant. The pellet plant capacity is 1.5 MTPA which is based on Grate-Kiln technology.

Plant is situated near Village Pur in Bhilwara District, near NH-79 and 12kms away from Bhilwara city. Bhilwara city's sewage water is pumped from intake station to Sewage Treatment Plant (STP) set up by Jindal Saw Ltd., where it is treated. Treated water from STP is pumped through 23 KMs pipeline to Main Water Reservoir (Capacity 2.5 Lac M³) located in the plant for use in the manufacturing processes & plantation.

JSAW Plant operation comprises of Mines, Crushing & Beneficiation Plant and Pellet Plant. The infrastructure facilities available at the site are Roads, Water Reservoir, Electric substation, Drainage, Communication System, Staff Hostel, Laboratory, Stores, Weigh Bridge, Offices, Canteen, IT Infrastructure, etc.

Along with being a successful Business entity, JSAW has an active sense of social responsibility. The company's CSR activities integrates Social and Environmental concerns into their operations. JSAW has planted numerous trees, both within mining lease and outside lease. Jindal Saw Ltd. works meticulously in the area of Rural Development, Village & School Infrastructure development, Educational Support & Sports Promotion, Disaster Relief & Medical Support, Religious & Cultural Support and Community & Social Development towards the CSR activities.

Jindal Saw Ltd. constantly strives to move beyond regulatory standards and do more. JSAW is doing its best to create a sustainable framework that allows Jindal plant to amplify the positive impact they have. For Jindal Saw Ltd., high-quality products and services are inseparably bound with its obligation to society and environment. JSAW Plant operation comprises of Mines, Crushing & Beneficiation Plant and Pellet Plant.



MINES CRUSHING & BENEFICIATION PLANT



PELLET PLANT

CORPORATE SOCIAL RESPONSIBILITY

Corporate Social Responsibility (CSR) is a self-regulating business model that helps a company be socially accountable to itself, its stakeholders, and the public. By practicing corporate social responsibility, also called corporate citizenship, companies can be conscious of the kind of impact they are having on all aspects of society, including economic, social, and environmental.

To engage in CSR means that, in the ordinary course of business, a company is operating in ways that enhance society and the environment instead of contributing negatively to them.

LEGAL PROVISIONS OF CSR

Corporate Social Responsibility (CSR) is nowhere defined in Companies Act, 2013, but as per Rule 2(1) (d) of the CSR Rules “Corporate Social Responsibility” means the activities undertaken by a Company in pursuance of its statutory obligation laid down in section 135 of the Act in accordance with the provisions contained in these rules.

CSR ACTIVITIES OF JINDAL SAW LIMITED, BHILWARA UNIT

Jindal Saw Ltd. consistently performing various CSR activities as per Schedule VII of Companies Act, 2013 year after year for the upliftment of community and creating positive impact on socio-economic environment of the neighborhood and beyond. The unit also involves with special interest in environmental protection as per activity no. (iv) of the Schedule VII. The major CSR activities being performed by the Jindal SAW Ltd., Bhilwara Unit in 2021-22 are given in the following table:

(1) SL. NO.	(2) CSR PROJECT OR ACTIVITY IDENTIFIED	(3) ITEM FROM THE LIST OF ACTIVITIES IN SCHEDULE VII TO THE ACT	(4) PROJECT OF PROGRAM (1) LOCAL AREA OR OTHER (2) SPECIFY THE STATE AND DISTRICT WHERE THE PROJECTS AND PROGRAMS WAS UNDERTAKEN	(5) AMOUNT SPENT ON THE PROJECTS OR PROGRAMS SUB HEADS: (1) DIRECT EXPENDITURE ON PROJECTS OR PROGRAMS (2) OVERHEADS (RS.)
01	Sanitation in Drainage & MCB Parks	(i)	Bhilwara,Rajasthan	6,27,99,456
02	Const. of RCC road	(ii)	Bhilwara,Rajasthan	2,50,49,968
03	Expenses for Oxygen plant at Mahatma Gandhi Government Hospital	(i)	Bhilwara,Rajasthan	1,28,31,943

The management of the unit confirmed that they start and completed the projects carried out in stipulated time schedule in the year 2021-22 and disclosed the information of CSR Fund carryover in the following table:

SL. NO.	FINANCIAL YEAR	AMOUNT AVAILABLE FOR SET-OFF FROM PRECEDING FINANCIAL YEARS (IN Rs.)	AMOUNT REQUIRED TO BE SET-OFF THE FINANCIAL YEAR, IF ANY (IN Rs.)
1.	2021-22	- NIL -	- NIL -

SURVEY AREA DETAILS

The survey area taken for the Impact Assessment Study is in and around Bhilwara town in Rajasthan. Jindal Saw Limited's facility is located about 12 KMs from this town at its' southwest direction. Bhilwara is an important industrial town of Rajasthan. Bhilwara has a special identity in the textile, building stone and mica industry. Bhilwara is also called the "Textile City" and "Manchester" of Rajasthan due to the prominence of the textile industry. Rapid development of Bhilwara city due to the expansion of population due to the establishment of industrial units as well as the establishment of administrative offices and institutions.

The study area is having a population of about 5,00,000 people and because of the steady increase of population, major problems of residential facilities and traffic etc. arose. Being located in Arid region, Bhilwara is characterized by a severe lack of available water, to the extent of hindering or preventing the growth and development of plant and animal life; environments subject to arid climates tend to lack vegetation and are called xeric or desertic; however due to efforts of the Government and Industries, human life could able to survive, industry, commerce and tourism activities flourish. However, much need to be done as observed during the survey.

Jindal Saw Limited's manufacturing facility, hereinafter referred as JSAW Plant is situated near Village Pur in Bhilwara District, near NH-79 is actively participating in the development of the region through its CSR activities and is partnered with Urban Improvement Trust, Bhilwara and Nagar Parishad, Bhilwara.

Beyond this, it carries out social work in the country side also, performed and continuing for the upliftment of the local people's life.

CSR PROJECT DETAILS

1. a. SANITATION WORK

1. b. ENVIRONMENTAL SUSTAINABILITY WORK

MAINTENANCE OF PARKS, CLEANING AND REPAIRING DRAINS OF BHILWARA CITY:

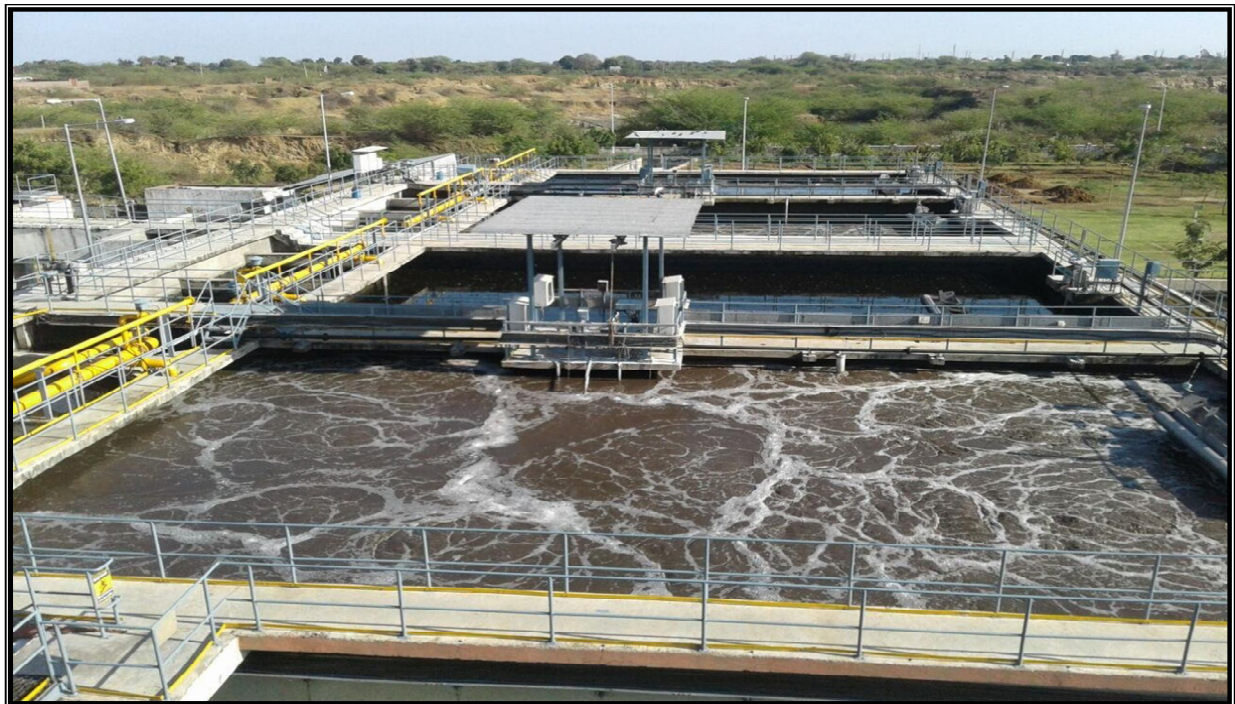
As already discussed, Bhilwara city is facing acute water shortage in most of the period of every year, it is a necessary to look beyond the conventional methods of sourcing the water.

JSAW intercepted with this problem of water requirement, realized that wastewater recycling is a better choice instead of pursuing exploiting distant water resources. That is how, the water requirement is partially fulfilled by processing sewage / wastewater of Bhilwara. JSAW already established a 10 MLD Sewage Treatment Plant (STP) near village Kuwara, Bhilwara.

The treated water is pumped from intake station to sewage treatment plant where it is treated as per the EPR standards. Treated filter water from STP plant is pumped through 23 KMs pipeline to Main Water Reservoir (Capacity 25 MLD) located in the JSAW plant for use in Mining, Mineral Beneficiations, Pellet making, Cooling, Dust suppression, Horticulture/Plantation etc.

In addition to meet the water requirement for JSAW plant operation, Sewage Treatment Plant at Bhilwara city helps in reducing Sewage water pollution, improving the hygienic conditions of Bhilwara town and its peripheral areas. This led to the prevention of water pollution and substantial reduction of contamination in the Kothari River Water flowing nearby. JSAW, Bhilwara is continuously making efforts to conserve the natural resources as well as environment by adopting clean and green technology in the process. By doing so and adopting the zero liquid discharge (ZLD) system in the plant, JSAW is conserving the natural water resources.

PHOTOGRAPHS OF 10 MLD SEWAGE TREATMENT PLANT



The sewage treatment Process adopted in the above narrated STP is Aerobic Biological Treatment System based on high efficiency Sequential Batch Reactor (SBR) Technology. The units of STP includes Transportation Pipeline from existing intake well to STP, screening for the removal of adventitious matter, grit removal, floating matter removal, Biological Treatment for the reduction of Oxygen Demand through Sequential Batch Reactor, Disinfection of the Treated Water and Treated Water Conveyance System from STP to Reservoir at JSAW's plant.

Prior to 24.12.2014, JSAW was carrying out entire maintenance of parks, cleaning and repairing drains in the sewerage system of Bhilwara City under supervision CSR Team.

Detail of Parks and drains maintained under CSR activity is mentioned below:

**DETAILS OF PARKS AND DRAINS MAINTAINANCE SPONSORED
BY JINDAL SAW LIMITED UNDER CSR ACTIVITY**


SL. NO.	NAME OF THE PARKS IN CHANDRASHEKHAR AZAD NAGAR AND NEW HOUSING BOARD
1.	Chandrashekhar Azad Nagar, 2-A Park
2.	Chandrashekhar Azad Nagar, Sector -3, 1 st Park
3.	Chandrashekhar Azad Nagar 2, 2 nd Park in front of 3C
4.	Chandrashekhar Azad Nagar, Sector 3, 3 rd Park in front of 3 G 44
5.	Chandrashekhar Azad Nagar, Sector 7, 3 rd Park in front of 7 G 44
6.	Chandrashekhar Azad Nagar, Sector 7, 2 nd Park
7.	Chandrashekhar Azad Nagar, Sector 6E, 2 nd Park
8.	Chandrashekhar Azad Nagar, Sector 2 Park
9.	Chandrashekhar Azad Nagar 7 no.
10.	Chandrashekhar Azad Nagar, Sector 4 Park
11.	Shastri Nagar B – New Housing Board 4-B 1 st Park
12.	Shastri Nagar New Housing Board Sector 3 - Park
13.	Shastri Nagar New Housing Board Sector 5 – Park
14.	New Housing Board Sector 4 Salasar Balajee Park
15.	New Housing Board Sector 2 – 1 st Park
16.	Shastri Nagar New Housing Board Sector 6C Park

17.	Shastri Nagar New Housing Board Sector 4 D
18.	Shastri Nagar New Housing Board 2 C 15
19.	Harnee Mahadev Park
20.	Near Harnee Mahadev Mandir 2 nd Park
21.	R K Colony Sector A Park 1
22.	R K Colony Community Hall Triangular Park
23.	R K Colony Sector E Park
24.	R K Colony Sector B Park
25.	R K Colony Sector F Park
26.	R K Colony Sector C Park
27.	R K Colony Sector A Park 2
28.	Subhash Nagar Krishna Park
29.	Subhash Nagar Gayatri Ashram Community Hall Park
30.	Subhash Nagar Sriram Park
31.	Subhash Nagar Main Park
32.	Subhash Nagar Tank Balajee Park
33.	Subhash Nagar Old Police Post Park
34.	Subhash Nagar Atal Behari Vajpayee Park
35.	Subhash Nagar Cemetery Park
36.	Park in front of Urban Development Trust
37.	Ashok Nagar Park
38.	Ashok Nagar Community Hall Park
39.	Dadabadi Park
40.	Basant Vihar Ramgopal Purohit Park
41.	Collectorate Office Park
42.	Mukherjee Park
43.	Municipal Council Office Park
44.	Mahaveer Park
45.	Dadheechee Park
46.	Gandhi Park
47.	Laxmi Narayan Mandir Road Near Nahar Sha House
48.	Kashipuri Park
49.	Manikya Nagar Park


50.	Panchmukhi Balajee Park
51.	Panchmukhi Cemetery Park
52.	Gandhi Sagar Park
53.	Hathibhata Park, Pur
54.	Ghatarani Park 1 st , Pur
55.	Ghatarani Park 2 nd , Pur
56..	Sidheshwar Mahadev Park, Pur
57.	Kyara ka Balajee Park, Pur
58.	Neelkanth Mahadev Park, Pur
59.	Aadharshila Mahadev Park, Pur
60.	Cemetery Park, Pur
61.	Ghati Ke Hanumanjee Park, Pur
62.	Aadharshila 2 nd Park, Pur
63.	Omkareshwar Mahadev Park, Pur
64.	Jaton ka Kheda Near Keshar Singh Park, Pur
65.	Cemetery of Brahmins Park, Pur
66.	Shashtri Nagar Old Housing Board Aamwala Park
67.	Shashtri Nagar Near Dr Niranjana Jain House – Park
68.	Shashtri Nagar B Extension Park
69.	Kawankhera Park
70.	Shashtri Nagar A Extension Park
71.	Shashtri Nagar B Keshav Udyan
72.	Shashtri Nagar Khatu Shyam Park
73.	Kawan Ka Khera in front of Jagganath Mandir – Park
74.	Shashtri Nagar Old Housing Board in front of Dad Sha – Park
75.	Harijan Basti in front of Bhairu Lal Singoliya House
76.	Shashtri Nagar A – Sector Park
77.	Near S M M Girls School - Park
78.	Manikya Lal Verma Murti Park
79.	Sanganer Colony Gayatri Mandir Park
80.	Sanganer Treching Ground – Plant Maintenance
81.	Sanganer Sindri k Balajee

82.	Sanganer Colony Shiv Mandir Park
83.	Sanganer Colony Sofiyan School Road Park

Note: Hindi Version of the List is given below:

 **कार्यालय नगर विकास न्यास, भीलवाड़ा**
न्यास के विकसित पार्कों की सूची

क्र.स.	योजना का नाम	पार्क का विवरण
ए	भार.सी.न्यास कॉलोनी	
1		सेक्टर 1 के उद्यान 10+2 स्कूल के पीछे
2		सेक्टर 2 श्री नाथ उद्यान
3		सेक्टर 3 (घासमुजा उद्यान)
4		सेक्टर 4 इन्दिरा गांधी सामुदायिक भवन के पीछे
5		सेक्टर 5 भी करणी उद्यान
6		सेक्टर 5 शिव मन्दिर वाला पार्क
7		सेक्टर 5 शिवाजी उद्यान
8		सेक्टर 5 पार्क महर्षि दयानन्द सरस्वती उद्यान
9		सेक्टर 8 पार्क सगस जी के पास
10		सेक्टर 7 पार्क प्रथम
11		सेक्टर 7 पार्क द्वितीय
12		सेक्टर 8 पानी की टंकी वाला
13		सेक्टर 8 शिव मंदिर वाला
14		सेक्टर 9 पार्क
15		सेक्टर 10 श्याम मन्दिर वाला
16		सेक्टर 10 हरि सेवा पार्क
17		सेक्टर 12 पार्क
बी	विजय सिंह पब्लिक नगर	
18		सेक्टर ए पानी की टंकी वाला
19		सेक्टर ए नाले के पास
20		सेक्टर ए आवास ग्रह के पास
21		सेक्टर ए ब्रह्मा कुमारी संस्था के पीछे
22		पीस पार्क
23		विद्युत तकनीकी कॉलोनी में स्थित पार्क
सी	पंचवटी	
24		सेक्टर सी पार्क
25		सेक्टर डी (परमेश्वर पार्क)
डी	तिलक नगर	
26		सेक्टर 10 पार्क सामुदायिक भवन के पास
27		सेक्टर 11 अपना घर योजना पार्क



ई.	आजाद नगर	
28		सेक्टर बी पार्क मन्दिर वाला पार्क
29		सेक्टर बी पार्क पानी की टंकी
30		सेक्टर बी पार्क स्कूल के पास
31		सेक्टर एफ पार्क पानी की टंकी के पास
32		सेक्टर जी पार्क कनिष्ठ अभियंता कार्यालय
33		सेक्टर एच श्री राम उद्यान
एफ.	फटेस नगर	
34		सेक्टर 3 प्रथम उद्यान
35		सेक्टर 3 द्वितीय उद्यान
जी	बापू नगर	
36		सेक्टर ए पार्क सामुदायिक मकान के पीछे
37		सेक्टर ए झूलेसाल पार्क
38		सेक्टर एफ पार्क छात्रावास के पीछे
39		सेक्टर एच शहीद भगत सिंह उद्यान
40		सेक्टर आई हेमू कालानी उद्यान
41		सेक्टर आई -337 के सामने
42		सेक्टर आई के एम.जी.न के सामने
43		सेक्टर जी
44		महावीर कॉलोनी पार्क
45		जिलाधीश कार्यालय पार्क
एच.	गार्डन	
46		नेहरू गार्डन
47		राजीव गांधी गार्डन
48		स्मृति वन
आई.	सर्किल उद्यान	
49		मोहन लाल सुखाडिया सर्किल
50		मौलाना अबुल कलाम आजाद सर्किल
51		मंगल पांडे सर्किल



52		शहीद तेज सिंह चौहान सर्किल
53		स्वामी विवेकानन्द सर्किल
54		ए) आचार्य महाप्रज्ञ सर्किल
55		बी) जयहिन्द सर्किल
56		सी) राजेश पावलेट सर्किल
57		मीरा सर्किल
58		देवनाशयम सर्किल
59		महाराजा कुम्मा सर्किल
60		पन्नाप्राय सर्किल
61		महाराजा प्रताप सर्किल
62		महाराजा अग्रसेन सर्किल
63		सहर्षि दधिवि सर्किल
64		सुभाष चन्द्र बोस सर्किल


सचिव

नगर पिकीस न्यास, भीलवाड़ा

**PHOTOGRAPHS OF DRAINAGE MAINTENANCE OF
BHILWARA CITY**





PHOTOGRAPHS OF PARK MAINTENANCE OF BHILWARA









JSAW is committed to ensure Environmental Sustainability, Ecological balance, protection of Flora & Fauna, Animal Welfare, Agro-forestry, Conservation of Natural Resources & Maintaining Quality of Air, Water and Soil. JSAW is also providing full support and sponsoring maintenance of all parks and drainage cleaning etc. to Municipal Council, Bhilwara.

2. a. & 2.b. RURAL DEVELOPMENT WORK

CONSTRUCTION OF RCC & BITUMEN VILLAGE APPROCH ROADS

2. a. Construction of Concrete (RCC) Road from Hathi Bhata toward Dariba, Salampura & Samodi, Kochariya, Mandpiya, Gundali villages
2. b. Repair of existing Bituminous Road of Hathi bhata connecting to NH-79.

Good road connectivity will get a boost of better livelihood options in terms of hiked in land price, increase in business opportunities, change in people's life style, shifting of occupation from farming to business, increase in mobility, good transport and travel facilities, good accessibility, reduction in poverty, illiteracy and ignorance.

The effectiveness and impact of the road building projects that connect poor, vulnerable and isolated communities to schools, services and markets is key to socioeconomic development. Also, road building and repairing roads make a powerful impact on people's lives in the rural areas. It is imperative to understand that infrastructure such as better roads carry a profound role towards reducing poverty.

JSAW took an initiative to convert the bitumen road to concrete (RCC) road to eliminate the above problems and practically road will be maintenance free for very long time. This road is 7 M wide and more than 1.5 KM long with 3 culverts beneath for water drainage.

In addition, all vehicular movement from JSAW Plant, other industries, as well as nearby villagers to NH-79 is through the existing road that connects at Meja Chouraya flyover. High Traffic density on road leads to frequent road jam and raises concern over safety and environment.

JSAW came forward to provide the alternative access to NH-79 through complete relaying of 1 KM Hathi Bhata Road, which also connects to NH-79 way before the flyover. Relaying of this road not only provides much required alternative access but also save the distance for light vehicles and villagers to reach NH-79.

PHOTOGRAPHS OF RCC APPROACH ROAD TO LOCAL VILLAGES





**PHOTOGRAPHS OF RELAID BITUMINOUS ROAD OF HATHI BHATA
CONNECTING TO NH-79**

3 Health Care: Installation of Oxygen plant at Mahatma Gandhi Government Hospital, Bhilwara

As the country was facing acute crisis of Oxygen for Covid-19 patients, Jindal Saw Limited had extended its contribution voluntarily by converting its 600 Nm³ per hour capacity Nitrogen plant based on PSA technology to Oxygen Plant having capacity of 150 Nm³/hr to produce medical grade Oxygen (min. 94% O₂ Concentration), which is equivalent to about 450 oxygen cylinder per day.

This plant had been relocated & installed at Mahatma Gandhi Hospital, Bhilwara after some appropriate technical modifications, such as replacing Carbon Molecular Sieve (CMS) with Zeolite Molecular Sieve (ZMS) and few other changes such as installation of oxygen analyser, changes in control panel system, flow valves etc.

Plant was operated by Jindal Saw Limited, and Oxygen produced in this plant was supplied online through pipeline & automated control panel directly to patient free of cost and on gratuitous basis. All the expenses were borne by JSAW for transfer, modification and installation including shed, power transformer, LT cable, ACB etc. and expenses for operation of the plant including power cost in the hospital



IMPACT ASSESSMENT

Corporate Social Responsibility, or CSR, are ideas and concepts that ensure that every business is also making an effort to advance the community with its growth. They necessarily don't have to go out of their way to extend this support but subtly modify their practices to achieve a variety of objectives. That way, individual businesses can contribute to a greater extent and lend every member of society some support.

THE EVALUATION APPROACH

The main rationale for any evaluation exercise is to improve the effectiveness and impact of a program by reflecting on how the program is working or not working vis-à-vis the policy laid down. It endeavors to measure the impact in terms of stated objectives and examines the gap between the intent and outcome of work or program. Effective monitoring and evaluation of the program / work is a powerful tool for tracking progress and demonstrating the relevance, performance and impact of a given project or a program.

When huge sums of money are being spent on such welfare works, it is obvious to measure its impact in terms of various parameters and examine how well the work has performed (or failed to perform) and why. Evaluation is a powerful tool for tracking progress and demonstrates the impact of a given project or a program that eventually helps policy and to welfare works. There is, therefore, a need for a Monitoring and Evaluation framework in place for every project or program that eventually aids sustained improvement of the project design and delivery.

IMPACTS OF THE WORKS CARRIED OUT BY JSAW

RESOURCE CONSERVATION

The CSR work carried out by JSAW not only yield benefits to the society, but conserves water, which is a high value resource in Arid region. Every day 10 MLD wastewater is treated and reused, thereby raw water is conserved. The treated wastewater is used for developing and maintaining greenbelts and parks to reduce carbon footprint in the industrial town and as well as generates good ambience.

WATER POLLUTION CONTROL

The water pollution control has been achieved by consistent and efficient operations by the operation 10 MLD STP. Prevention of water pollution is also carried in the nearby river. Most of the Indian Rivers including Holy Ganga is suffering from wastewater discharges from cities and towns.

GREENBELT DEVELOPMENT

Development of green belt helps to capture the fugitive emissions, attenuate the noise generated and improve the aesthetics.

It has been derived that trees can delimit the fine particulate pollution and have tremendous potential for improved air quality with substantial cost savings. This study will help to quantify the relative ability of individual tree species for removing fine particulates such as PM_{2.5}. The plantation of urban trees can be evaluated in terms of money saved vis-a-vis expenditure involved in implantation of fine particulate strategies. Trees can act as efficient biological filters, removing significant amounts of particulate pollution from urban atmospheres.

DRAINAGE CLEANING

Our unassuming drains fill the critical need of expelling waste and abundance water from the home and discharging it into the sewer. Any issues with the framework, for example, a blockage or a sponsored-up toilet will rapidly notifies the significance of drains. Drain blockages and obstructs can range to the minor and badly arranged, for example, a stopped up can, to the sad, for example, a stopped-up sewer line. Drain blockages can result from a development of remote material inside the channels, old or flawed funnels, or even attack of tree roots. These stops up can require broad work to expel and may include the requirement for rooter administration.

Sewers and drains have a smell that we as a whole for the most part find undesirable. Obstructed and slow drains can make sewage sit in the channels and spread scents all around. Poor drainage prompts standing water, and this can cause soil disintegration, elusive surfaces, mosquito rearing regions, and plant demise.

Poor drainage, stopped up channels, and sewage reverses would all be able to diminish your home condition. Slow drains and dribbling spigots can cause form and mold development, sewage reverses advance the spread of microscopic organisms and germs.

By carrying out regular cleaning of drains, JSAW controls bad odor, sewer blockages, slow movement of drains and designed utilization of drains by regular desilting.

CONSTRUCTION & MAINTENANCE OF VILLAGE ROADS:

Roads are essential for rural economy, education, social and cultural welfare for society. Roads with good condition paves the way for overall development. Indian village lack behind the towns and cities is mainly because of poor road infrastructure. The contribution to rural roads by Pradhan Mantri Gram Sadak Yojana is remembered and one among the best contribution to Indian Villages by the Government of India.

But a lot need to be done, contribution of JSAW in this direction is a good initiative. Their work is appreciated by all during the survey and request for more.

EMPLOYMENT GENERATION:

The CSR projects has created both direct and indirect job opportunities and increased the economy of the local community.

TRANSPORTATION SYSTEM:

JSAW is situated in a remote location of Rajasthan and the nearest city is Bhilwara at a distance of 12 km from the unit. Construction of Roads increased transportation facilities of the villagers and convenience; thereby contributing to rural economy.

HEALTH CARE DURING COVID 19 PANDEMIC:

With oxygen a critical treatment for COVID-19, Jindal Saw Limited took initiative to convert its N2 Plant to O2 Plant within just a month time. This innovation helped in saving the lives of thousands of patients.

NATURE OF IMPACT	COLOUR
Low	
Medium	
High	

SL. NO.	PARAMETER OF IMPACT	DIRECT/ INDIRECT	POSITIVE/ NEGATIVE
1	Drainage Cleaning	Direct	Positive
2	Maintenance of Parks	Direct	Positive
3	Road Construction and Maintenance	Both Direct And Indirect	Positive
4.	Outreaching Society	Indirect	Positive
5.	Resource Conservation	Indirect	Positive

CORPORATE SOCIAL RESPONSIBILITY

IMPACT ASSESSMENT QUESTIONNAIRE

Just put a tick mark wherever options given

IDENTIFICATION OF THE CONFIRMAND

SL. NO.	QUESTION	REPLY
31.	Name	
32.	Father / Husband's Name	
33.	Full Address	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
34.	Contact Number	
35.	Education	
36.	Occupation	Govt Job / Private Job / Business / Self-employed / Agriculture / Others Please specify if you selected "Others" <hr/>

QUESTIONNAIRE

SL. NO.	QUESTION	REPLY
1.	Do you know Jindal Saw Limited's factory?	Yes / No
2.	How far this factory from your house?	Less than 500 M / Less than 1 KM / Less than 2 KM / Less than 5 KM / Less than 10 KM / More than 10 KM. Please specify approximate distance. if you selected "More than 10 KM" <hr/>



3.	Are you aware of any of the works mentioned here carried out by them?	a. Park Maintenance Yes / No b. Sewage Treatment Plant Yes / No c. Drainage Maintenance Yes / No d. Road Construction Yes / No e. Any other work _____
4.	Is your locality benefitted from these works?	Yes / No
5.	Are you benefitted from these works?	Yes / No
6.	Is there any economic benefit to you from these works?	Yes / No
7.	Are you satisfied with these works?	Yes / No
8.	If your answer is yes to the above question, please convey how do you benefitted?	Improved me economically Made me more convenient Improved the ambience of the locality
9.	Do you feel it could have been done better and how?	Yes / No _____ _____ _____
10.	Do you want to give any suggestions?	Yes / No _____ _____ _____

Signature of the Confirmand

Signature and name of the Surveyor

**(BOTH ENGLISH & HINDI VERSIONS OF THE QUESTIONNAIRE
HAVE BEEN USED IN THE SURVEY)**

ANALYSIS & INTERPRETATION

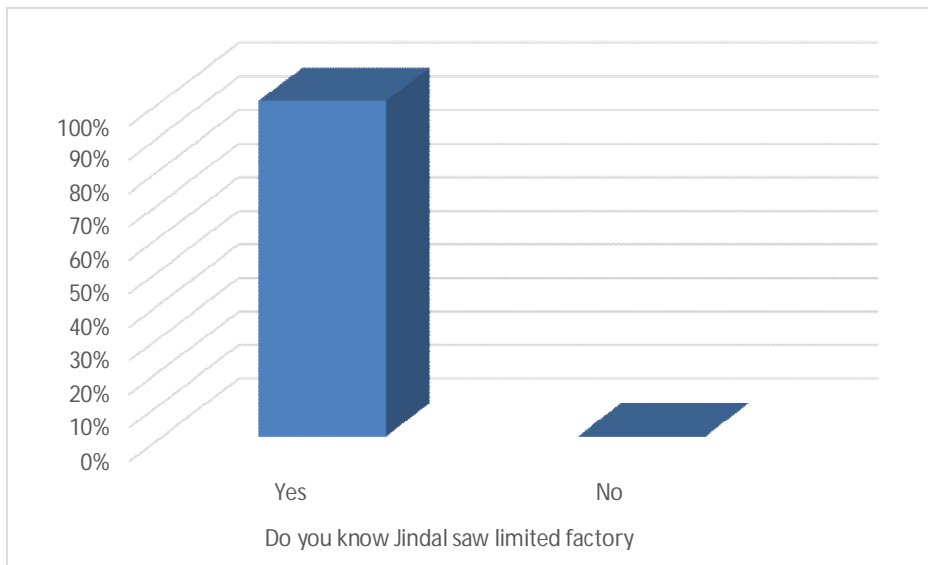


Figure 1.1 shows the percentage of people knowing Jindal saw factory in District Bhilwara, Rajasthan according to the survey conducted for corporate social responsibility. It be seen from the graph that hundred percentage of people knows about the Jindal Saw factory.

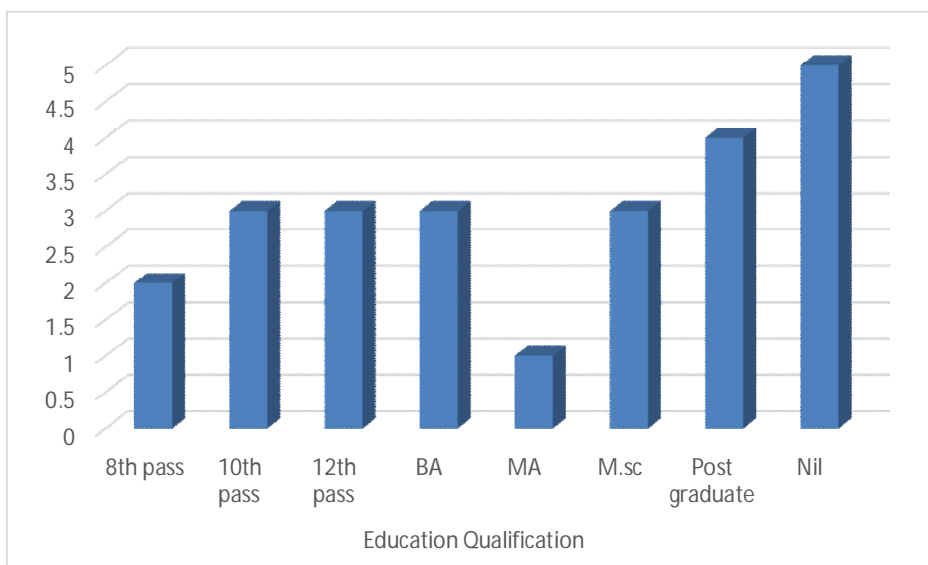


Figure 1.2 shows the percentage of people's education qualification in District Bhilwara, Rajasthan according to the survey conducted for corporate social responsibility. It be seen from the graph that 3.57% people have done M.A degree, 7.14% people have done 8th, 10.71% people have done 10th, 10.71% people have done 12th, 10.71% people have done B.A degree, 14.78% people have done B.Sc Degree, 14.78% people have done M.Sc degree and 17.85% have not have any educational qualification.

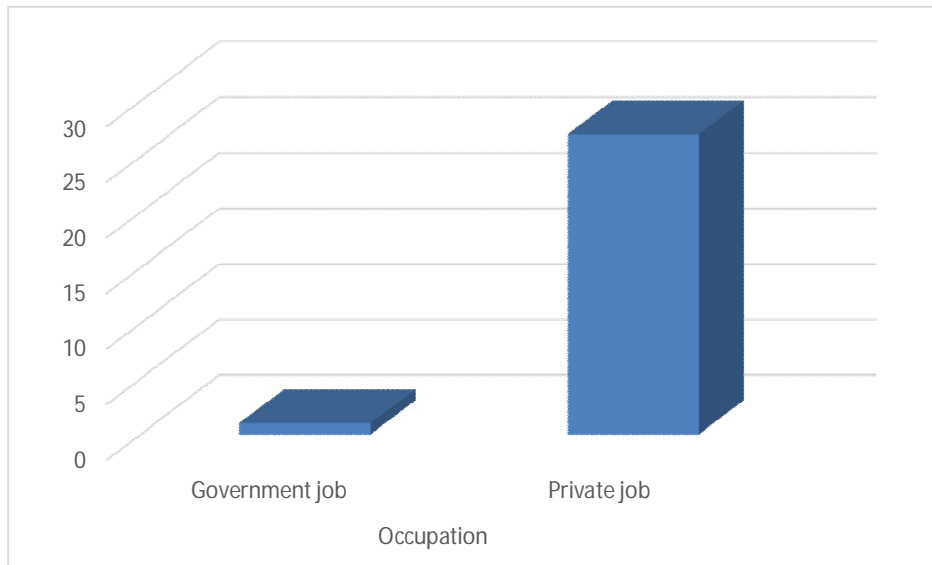


Figure 1.3 shows the percentage people's occupation in District Bhilwara, Rajasthan according to the survey conducted for corporate social responsibility. It can be seen from the graph 96.39% have a private job and rest 3.57% people have government job.

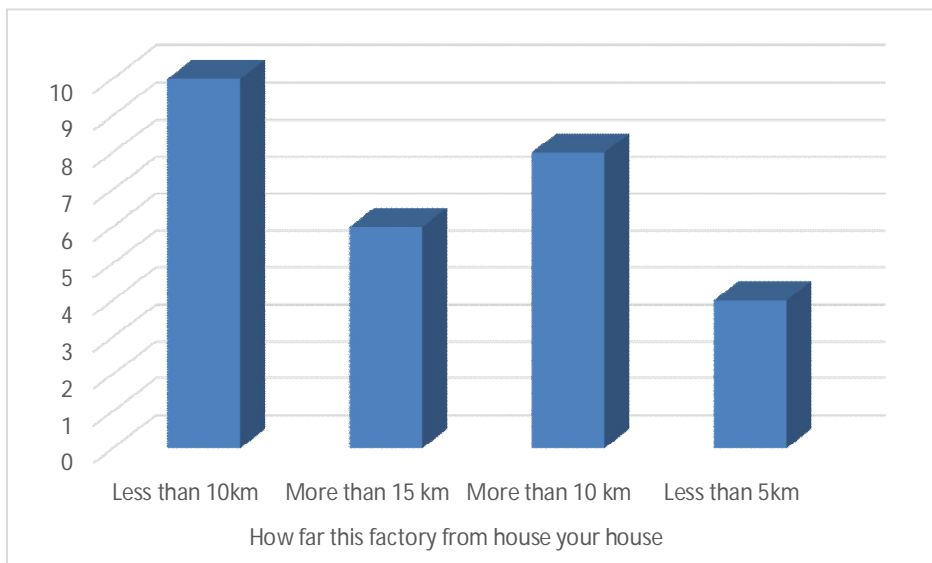


Figure 1.4 shows the percentage people travel distance house to factory. It can be seen in the graph that people nearby the factory, 35.71% people travel less than 10km, 28.57% travel more than 10 Km, 21.42% travel more than 21.42% and 14.28% travel less than 5km.

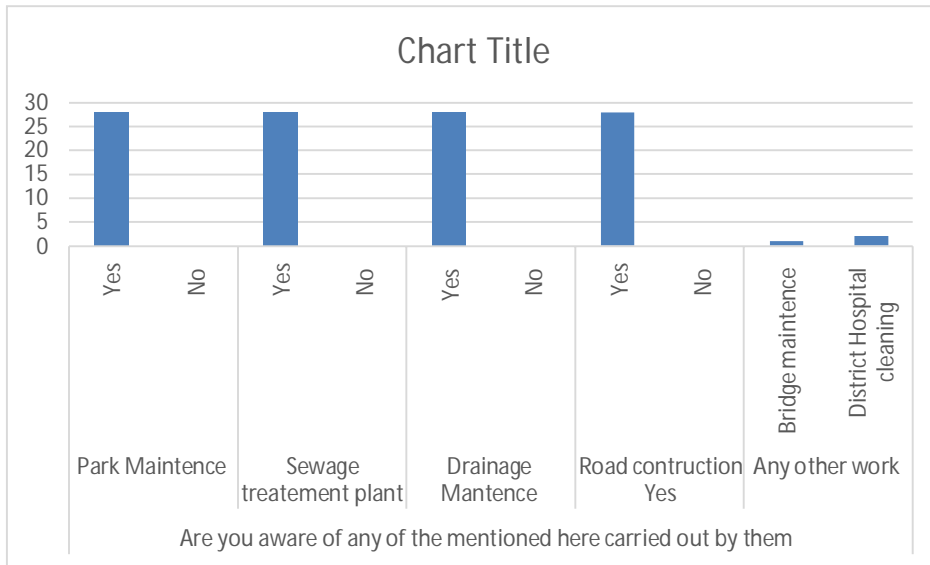


Figure 1.5 shows the percentage maintenance works done in District Bhilwara, Rajasthan according to the survey conducted for corporate social responsibility. It can be seen from the graph most of the people are satisfied with the Park Maintenance, Sewage Treatment Plant, Drainage Maintenance, Road Construction.

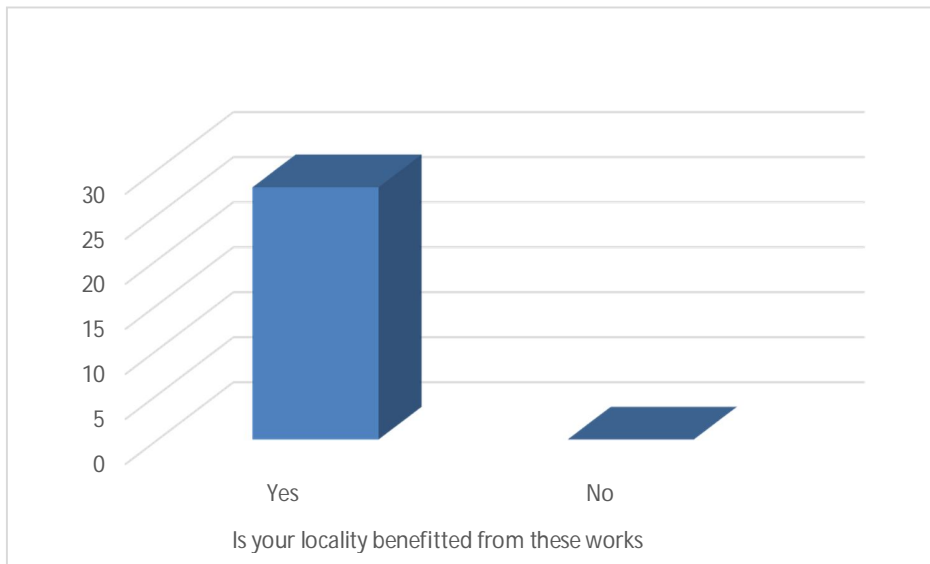


Figure 1.6 shows the percentage of locality benefitted from these works. It can be seen in the graph that hundred percent people are getting local benefits.

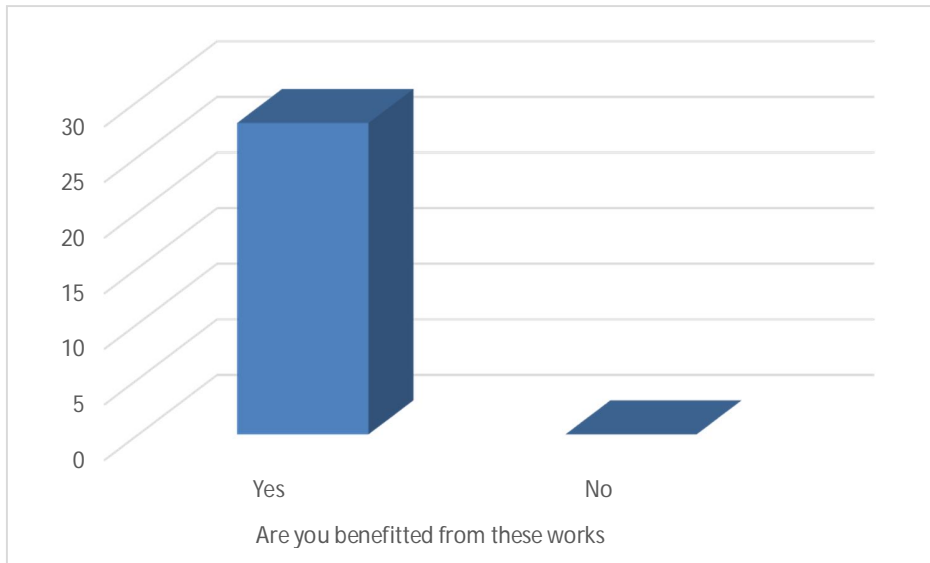


Figure 1.7 shows the percentage benefits from these works. It can be seen in the graph that hundred percent people are getting benefits.

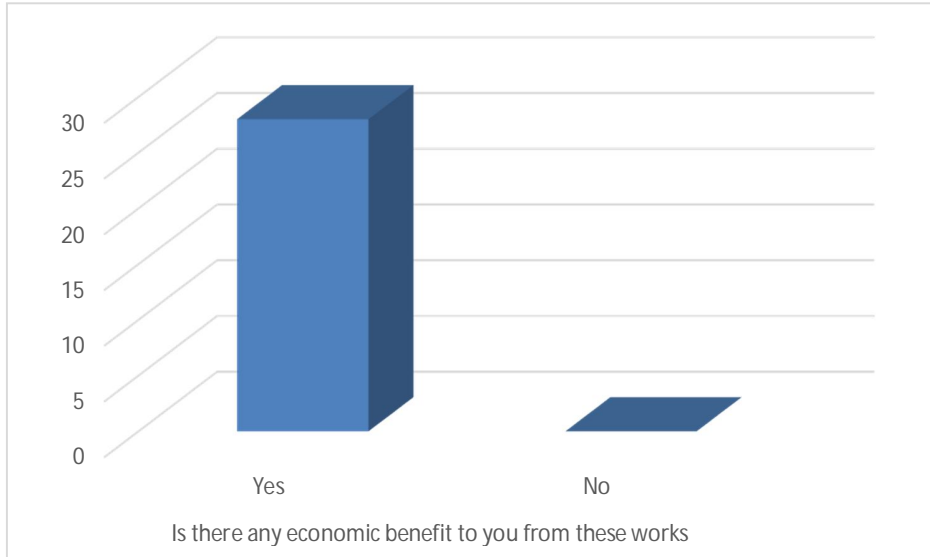


Figure 1.8 shows the percentage of economic benefits from these works. It can be seen in the graph that hundred percent people are getting economic benefits.

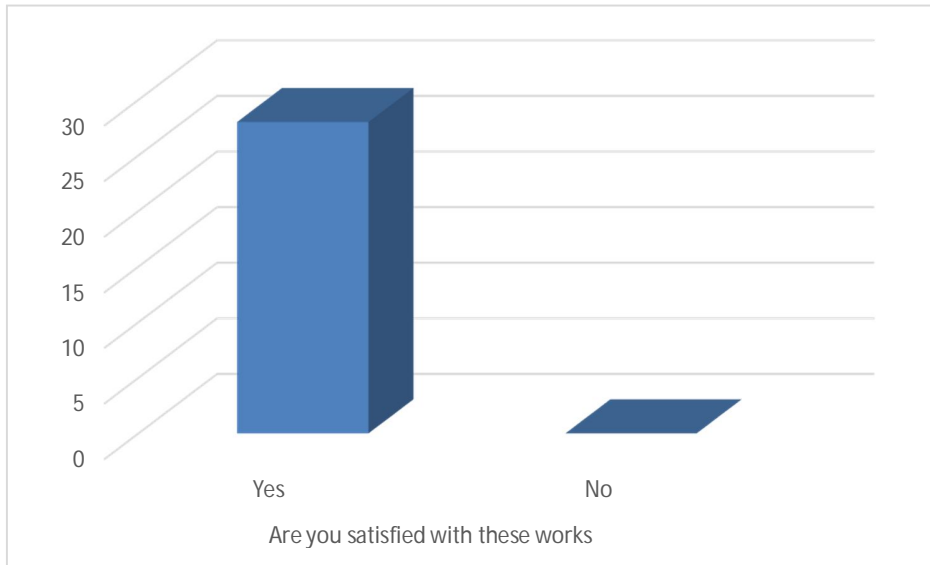


Figure 1.9 shows the percentage of people's satisfaction of the works in District Bhilwara, Rajasthan. It can be seen in the graph that hundred percent of people are satisfied.

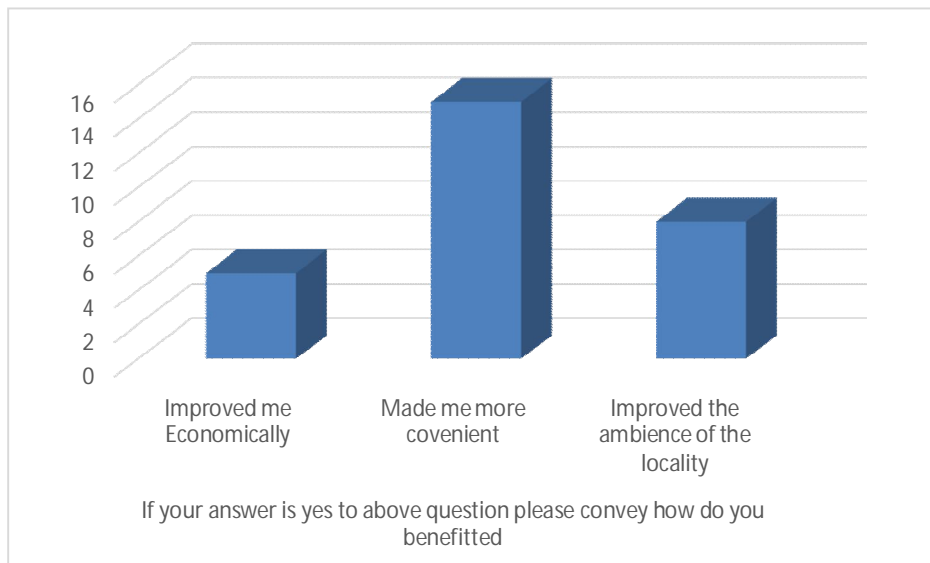


Figure 1.10 shows the percentage of people getting satisfied and how they are getting benefitted. It can be seen in graph that 17.85% of people are getting economically benefitted, 28.57% of people are improved the ambience of the locality and the rest 53.57% are made them more convenient.

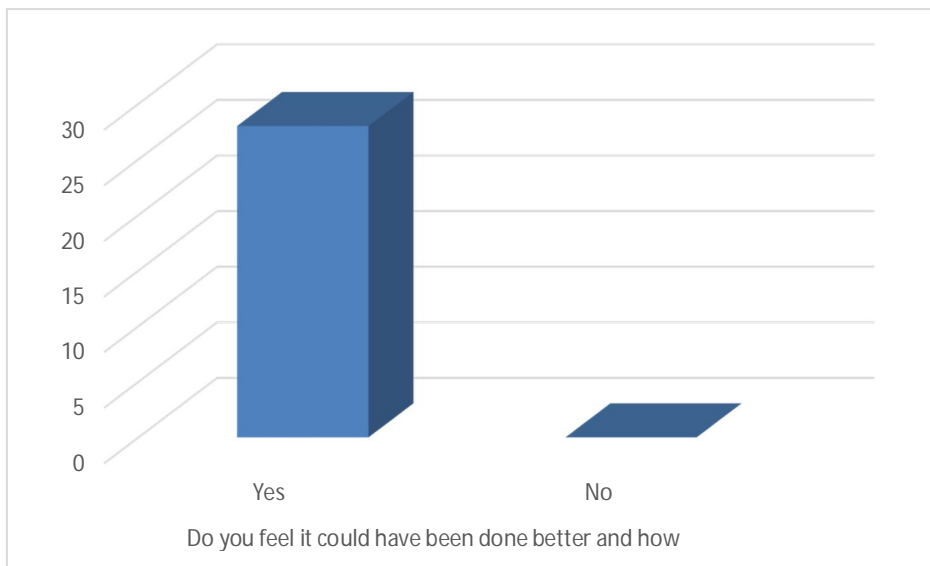


Figure 1.11 shows the percentage of how the betterment of work can be done in District Bhilwara, Rajasthan. Almost all the people have opined that the works carried out by JSAW is good but requires improvement.

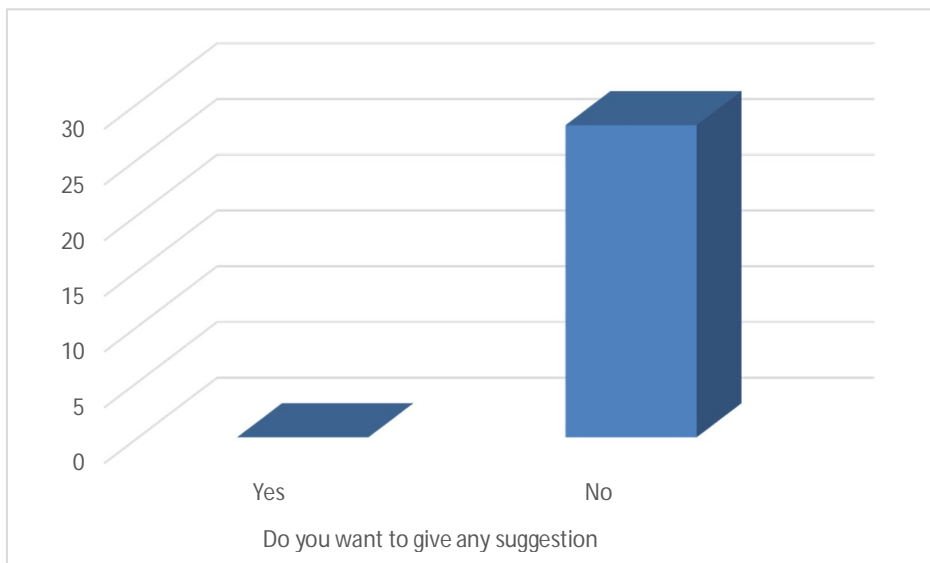


Figure 1.12 shows the percentage of people's suggestion of the works done in District Bhilwara, Rajasthan. It can be seen in the graph that cent percent people do not have any instant suggestion.

SBA ENVIRO SYSTEMS IN BRIEF

SBA, a multi-tech company having abundant experience and technical acumen. Based on merits, we are an accredited consultancy organization (ACO) certified by Quality Council of India (QCI-NABET). We take pleasure and proud to be a member of Climate Technology Centre and Network (CTCN) of United Nations Environment Programme (UNEP) and United Nations Industrial Development Organization (UNIDO).

Moreover, our technical excellence has recognized as being awarded as member organizations of World Meteorological Organization (WMO) and Food and Agricultural Organization (FAO).

Indian infrastructure majors viz. CPWD, SITOP, HUDA has also taken us their enlisted consultant.

Lansdowne & Faizabad Cantonment Boards has appointed us as Consultant. Further prestigious Maulana Azad National Institute of Technology, Bhopal also availing our services complete study of their 650 Acre Campus. We are working now with Kolkata Metropolitan Development Authority – KMDA, Haryana State Industrial Investment and Development Corporation - HSIIDC & Japan International Cooperation Agency, JICA. We are also working for Control4enviro, Barcelona, Spain for CDTI, Government of Spain. Recently Balmer Lawrie & Company Limited (GoI undertaking) has also selected us for studying the Impact of the CSR & CER work carried out by them across India.

We erstwhile completed CSR Impact Assessment Studies of the various projects completed by Airports Authority of India - AAI in various states of India viz. Rajasthan, West Bengal, Andhra Pradesh & Uttar Pradesh.

We play an important role of environmental management to uphold sustainable development by devising technological options for developmental and industrial projects. We can study, design, plan, implement and monitor any infrastructural and industrial activity.

We have proven ourselves by successfully implementing and consulting more than 1000+ projects across India from Srinagar, J&K to Lakshadweep, simple to complex, tiny to big but better and best only.

Our company follows International Standards of Operation and has obtained ISO 9001:2015 and ISO 14001:2015 certifications.

We stand with the customer with our exemplary service throughout the lifetime.

We have completed 1000+ projects since our inception as a Proprietary Company in 1999.

SL. NO.	ACCOLADES AND RECOGNITION
1.	Member - Climate Technology Centre & Network (CTCN) – United Nations Environment Programme (UNEP)
2.	Organizational Member - Quality Council of India (QCI)
3.	Accredited EIA Consultancy Organization – QCI - National Accreditation Board of Education & Training (NABET)
4.	Enlisted with Asian Development Bank (ADB) & Japan International Cooperation Agency (JICA)
5.	Enlisted with Central Public Works Department (CPWD)
6.	Member - United Nations Global Marketplace (UNGM)
7.	Member – United Nations Industrial Development Organization (UNIDO)
8.	Member - Food & Agriculture Organization (FAO)
9.	Member - United Nations Relief and works Agency (UNRWA)
10.	World Meteorological Organization (WMO)
11.	Enlisted with Haryana Shehari Vikas Pratikaran (HSVP)
12.	Enlisted with State Institute of Town Planning – Madhya Pradesh
13.	Certified - ISO 9001: 2015
14.	Certified - ISO 14001: 2015
15.	Ministry of MSME, Govt. of India



Quality Council of India



National Accreditation Board for Education & Training

CERTIFICATE OF ACCREDITATION

SBA Enviro Systems Private Limited, New Delhi

201, DDA Local Shopping Centre, E Block, Vikaspuri, New Delhi 110018

The organization is accredited as Category-A under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3: for preparing EIA-EMP reports in the following Sectors –

Sl. No.	Sector Description	Sector (as per)		Cat.
		NABET	MoEFCC	
1.	Mining of minerals - Opencast only	1	1 (a) (i)	A
2.	River Valley projects	3	1 (c)	A
3.	Thermal power plants	4	1 (d)	A
4.	Metallurgical industries (ferrous & non-ferrous)	8	3 (a)	B
5.	Leather/skin/hide processing industry	15	4 (f)	A
6.	Synthetic organic chemicals industry	21	5 (f)	A
7.	Industrial estates/ parks/ complexes/areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes	31	7 (c)	B
8.	Building and construction projects	38	8 (a)	B
9.	Townships and Area development projects	39	8 (b)	B
10.	Food Processing	40(v)	--	--

Note: Names of approved EIA Coordinators and Functional Area Experts are mentioned in RAAC minutes dated Feb 19, 2021 posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/21/1670 dated March 30, 2021. The accreditation needs to be renewed before the expiry SBA Enviro Systems Private Limited, New Delhi following due process of assessment.

Sr. Director, NABET
Dated: March 30, 2021

Certificate No.
NABET/EIA/2023/RA 0198

Valid till
May 24, 2023

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.

END OF THE REPORT