CIN No. : L26943RJ1979PLC001935
Phone : 01462 228101-6
Toll Free : 1800 180 6003 / 6004
Fax : 01462 228117 / 228119
E-Mail : shreebwr@shreecement.com
Website : www.shreecement.com

c/c

SHREE CEMENT LTD.

An ISO 9001, 14001, 45001 & 50001 Certified Company

Regd. Office:

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305901, RAJASTHAN, INDIA

SCL/BWR/ENV/2021-22/ Date:-15/05/2021

To,
The Deputy Director General of Forests (C),
Ministry of Env., Forest and Climate Change,
Integrated Regional Office, Jaipur,
A-209&218, Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur – 302004, Rajasthan

Sub:- Compliance of conditions of environmental clearance letter of Unit-II of M/s Shree Cement Limited located at village Andheri Deori, Tehsil-Masuda, District Ajmer (Rajasthan).

Ref: - Environment Clearance letter No. J-11011/101/96-IA-II (I) dated 09/04/1997.

Dear Sir,
In reference to the above subject matter and referred letter, we are submitting herewith the point wise compliance of conditions of the above environmental clearance letter for the period from, October, 2020 to March, 2021.

This is for your kind information please.

Thanking you,
Yours faithfully,
For Shree Cement Ltd.

(Dr. Anil Kumar Trivedi)
Sr. G.M. (Environment)

Cc to:-
1. The Director (Industry-I)Ministry of Environment, Forests & Climate Change, Indra Paryavaran Bhavan, Jorbag Road, New Delhi-110003
2. The Addl. Principal Chief Conservator of Forest (C), Ministry of Environment Forest & Climate Change, Regional Office, Kendriya Bhawan, 5th Floor, Sector 'H' Aliganj, Lucknow (U.P.), Pin-226020.
3. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), Vithal Market, Paryavaran Parisar, E-5 Arera Colony ,Bhopal-462003(M.P.)
4. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan).

SHREE CEMENT LIMITED UNIT-II

Village Andheri Deori, Tehsil-Masuda, District Ajmer (Rajasthan)

COMPLIANCE STATUS

ENVIRONMENT CLEARANCE LETTER No. : J-11011/101/96-IA-II (I) dated: April 09, 1997

PERIOD OF COMPLIANCE : October 20 to March 21

Project Code : Raj-20-140-1997

A	Conditions	Compliances status
(i)	The project authority must take necessary action to adhere to the conditions and measures stipulated by state government and state pollution control board.	All necessary measures stipulated by state government and state pollution control board have been taken care of.
(ii)	No further expansion of the plant can be taken up without the prior approval of this ministry.	Prior approval shall be taken from Ministry for any further expansion.
(iii)	The gaseous and SPM emission from various units must confirm to the standards prescribed by the central government or state pollution control board under the EPA norms whichever is more stringent. At no time, the emission must exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit (s) must be put out of operation immediately and shall not be restarted until the control systems are rectified to achieve the desired efficiency.	• The stack of Raw Mill Kiln, Clinker Cooler, Coal Mill, Cement mill of all units are complying with PM <30 mg/Nm3. All the stacks are installed with emission control devices like Bag house & ESPs. • De-NOx system have been installed at all kilns. • Opacity meters have been installed for continuous monitoring of PM at the stack of Raw mill & Kiln, Clinker Cooler, Cement mill, Coal mill . • CEMS have been installed for continuous emission monitoring of SO2 and NOx at the stack of Raw Mill-Kiln. • SO2 emission level are maintained <100 mg/Nm3 & NOx emission level are maintained <1000 mg/Nm3 from Raw Mill & Kiln stack. • PM Emission level are maintained <30 mg/Nm3 from Raw mill & kiln, Coal mill, Clinker Cooler and Cement mill stacks of all units.. • Adequate numbers of air pollution control devices have been installed at all the material transfer points and silos. • Low NOx burners have been installed with all kilns. • Calibration of all instruments is being done on regular basis. • NABL approved lab performs the calibration of opacity monitors and gas analyzers periodically. Monitoring results are attached as Annexure – Ia & Ib.
(iv)	Ambient air quality including ambient noise level must not exceed the standards stipulated under EPA/State authorities. Monitoring of ambient air quality and stack emission shall be carried out regularly in consultation with SPCB and report submitted to the board quarterly and to the ministry (regional office at Lucknow) half-yearly.	Ambient air qualities including ambient noise level are well within the prescribed standards stipulated under EPA/State authorities. Monitoring of ambient air quality and stack emission is being carried out regularly. Monthly monitoring report is submitted to SPCB and half yearly to the Ministry. Monitored data from October 2020 to March 2021 is enclosed as **Annexure- Ia & Ib.**

(v)	Fugitive emission of dust should be controlled and work environment monitoring by adequate dust collection and extraction system and housekeeping.	All measures to control the fugitive emission and better housekeeping have been taken & maintained regularly. CPCB guidelines for control of fugitive emissions have been implemented. Following measures have been taken for control of fugitive emissions: • Use of covered vehicles for cement and clinker transport • Use of closed container for FlyAsh transport. • Use of rail along with road transport. • All movement area are concreted. • Circular stockpile for covered storage for Coal. • Plantation has been carried out around plant area. • Vaccum sweeping machines are in use for sweeping. • All unloading hoppers are covered and provided with bag filters. • All conveyer belts are covered. • Water spray system at reclaimer and limestone unloading points. Photographs enclosed as **Annexure-II** Fugitive emission report enclosed as **Annexure- Ia & Ib.**
(vi)	The project authority shall not change any design/height of the stack without permission of state pollution control board.	Noted. No change in design of stack height. However, height & installation of CEMS are as per statutory guidlines.
(vii)	Water requirement for both process and domestic purpose envisaged at 2070m3/day must be met from mine water sources only adopting proper mine storage and water utilization schemes.	Water consumption for industrial cooling is >450 KLD. Domestic water consumption is common for all units which is >950 KLD. Water requirement met from ground water and rain water collected in mine pits.
(viii)	Occupational health of the workers should be periodically monitored and record maintained.	• Occupational Health Management Center with specialist has been established. • Occupational Health Surveillance programmes are being carried out on regular basis and record of the same is maintained as per Factories Act. • Every year Health Checkup is being carried out on annual basis. Copy enclosed as **Annexure III.** No any occupational health related disease reported till.
(ix)	As proposed in the EMP, green belt must be developed in 75 hac. around the plant in addition to greenery/plantation in 10.54 hac. A norms of 1500-2000 plantation/hac. of diverse species in consultation with state forest/horticulture deptt. can be followed.	Tree plantation is our on-going process. Out of total land 231.94 hectare we have developed green belt in the area of 82.83 hectare which covers around 35.71 % of total area with 228411 nos of trees saplings. Local native species of plants have been planted for increase of survival rate. • Plantation detail is enclosed as **Annexure –IV.**
(x)	A separate environmental management cell with suitably qualified personnel to carry out various environmental management functions should be set up under the control of a senior executive who will report directly to the head of the organization.	Separate environmental management cell has been established with suitably qualified personnel to carry out various environmental management functions under the control of senior exicutve who is reporting to the whole time director (WTD).
(xi)	The project authority must set up laboratory facility for collection and analysis of samples under the supervision of competent technical personnel who will directly report to the chief executive.	Well equipped laboratory for environmental monitoring and analysis has been established.
(xii)	The fund earmarked for environmental management measures should not be diverted for other purpose and year-wise expenditure should be reported to this ministry. A six monthly progress report on the project vis-à-vis environmental measures must be submitted to the state / central authorities.	• All the pollution control measures have been implemented. • The last two years recurring cost for the environment pollution control is given as below: • Recurring cost for the environment pollution control for the FY-2020-21 not caluculated due to COVID-19. However same will be submitted in next EC Compliance Report

		<table><tr><td>Description</td><td>2018-19</td><td>2019-2020</td></tr><tr><td>Plant</td><td>670.05 Lacs</td><td>544.02 Lacs</td></tr></table>
(xiii)	The ministry of any other competent authority may stipulate any further condition after reviewing the compliance reports. The above conditions will be monitored by the Regional office of this ministry located at Lucknow/CPCB/SPCB with respect to its implementation.	Noted.
(xiv)	The ministry may revoke or suspend clearance, if implementation of the stipulated conditions is not satisfactory.	Noted. All the terms and conditions are being implemented and compliance report is being submitted to SPCB/CPCB and MoEF&CC timely.
(xv)	The above conditions will be enforced inter-alia under the water (prevention and control of pollution) Act, 1974, Air (prevention and control of pollution) Act, 1981 and Environment (Protection) Act, 1986 and Public Liability Insurance Act 1991, along with their amendments.	Noted. Complying with water (prevention and control of pollution) Act,1974 and Air (prevention and control of pollution) Act, 1981 & Environment (Protection) Act, 1986 and public liability insurance act, 1991, along with their amendments.

Annexure: Ia

Shree Cement Limited,
Unit-II
Andheri Deori Tehsil-Masuda District-Ajmer, Rajasthan
Monitored data

1. Ambient Air Quality Monitoring Data :- (Period: Oct 2020 to Mar 2021) :- (All values in µg/m3)

Location / Month	Plant boundary towards village Sarakana				Plant boundary towards Power Plant				Residential Colony				Main Gate			
	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx
Oct-20	51	25	7	9	41	29	8	10	38	31	6	9	43	27	7	10
Nov-20	47	25	7	9	41	24	6	7	42	29	7	10	45	27	6	10
Dec-20	51	26	6	9	46	24	8	11	43	32	6	10	41	33	7	13
Jan-21	54	29	6	10	47	31	9	13	41	22	6	8	46	32	8	14
Feb-21	56	32	5	8	50	32	12	10	51	28	7	10	54	33	9	12
Mar-21	58	30	7	9	52	34	10	12	53	29	8	12	50	30	12	11

2. Stack Emission Monitoring data:(Period Oct 2020 to Mar 2021)

MONTH	All values in (mg/Nm3)			
	RAW MILL & KILN	COAL MILL	CLINKER COOLER	CEMENT MIILL
Oct-20	11.9	11.7	18.9	13.4
Nov-20	11.6	6	19	6.2
Dec-20	20.1	7.1	28.1	8.1
Jan-21	20.2	7.02	23	17.5
Feb-21	15.01	8	18	15
Mar-21	13.4	9	17	17

3. Ambient Noise Level Monitoring Data:- Noise Level (Leq-dB(A) (Period: Oct 2020 to Mar 2021)

Location / Month	Plant boundary towards village Sarakana		Plant boundary towards Power Plant		Residential Colony		Main Gate	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Oct-20	60	50	65	42	60	39	58	48
Nov-20	68	41	66	38	59	35	63	47
Dec-20	61	40	63	40	58	42	65	50
Jan-21	72	42	62	39	60	40	63	44
Feb-21	68	55	70	44	71	58	60	50
Mar-21	66	49	65	55	65	43	69	51

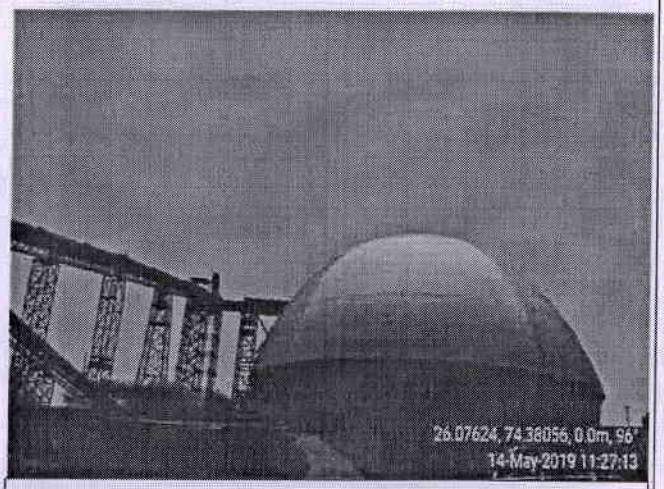
4. Fugitive Emission Monitoring Data : Period (Oct 2020 to Mar 2021)

Location / Month	Limestone handling area	Clinker Handling Area	Coal Handling Area	Fly ash handling area	Gypsum Handling area
	SPM (µg/m3)	SPM (µg/m3)	SPM (µg/m3)	SPM (µg/m3)	SPM (µg/m3)
Oct-20	4320	3085	1716	3993	4275
Nov-20	4211	4113	1205	3659	4380
Dec-20	4256	4050	1812	3987	3609
Jan-21	4058	4010	1320	3987	4589
Feb-21	4105	4027	1750	4130	4908
Mar-21	4138	4035	1782	4280	4101

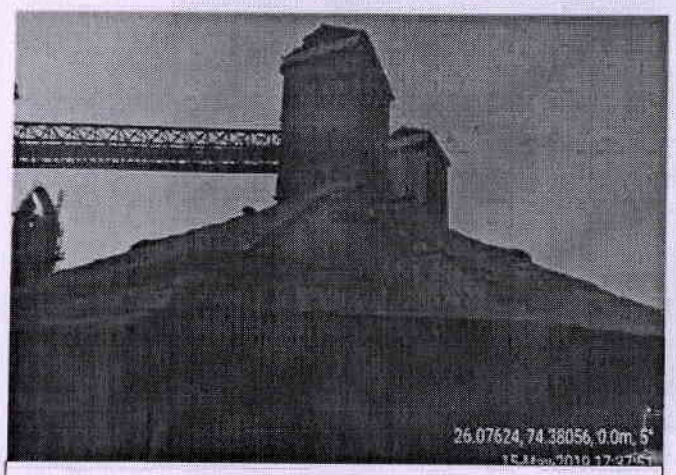
Annexure-4

Control Measures adopted for Fugitive Emissions:

Pucca/Concreted road inside plant



Circular Coal storage area.



Covered Clinker storage Silo.

Closed Conveyors Belt at transferred points

Closed Conveyors Belt at transferred point

Dust collector at transferred Points.

Annex - III

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **Shyam Lal Prajapat** S/o. **Sh.Mohan Lal**, aged **45** years a candidate for employment in Shree Cement Limited as **Employee**. Please examine me for the Suitability for the same.

Date: 30/Oct/2020

Shyam

PARTICULARS OF OBSERVATION

1. Height: 167. Cms. 2. Weight: 67 Kgs. 3. Chest: Expiration: 82
   BMI: 24.02 Abd: 82 Inspiration: 93
4. Mark of Identification : OLD AMPUTED RT RING FINGER
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
   Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 126/82 10. Pulse: 74 Blood group: O +ve
11. CVS: NAD 12. Stool Bile: - Microscope: - -
    E.C.G. SHORT PR INTERVAL
13. Urine
    Color: P.Yellow Albumin: Absent Sugar: Absent Sp.Gravity: 1.015
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : Consult Eye Specialist; Consult ENT Specialist; | Pterigium both eyes RPT ECG

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Shyam Lal Prajapat, S/o. Sh.Mohan Lal, who is offered appointed in Shree Cement as and found that except Nil .

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

Shyam

Shyam Lal Prajapat
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. S.N. Pandey
(Signature of Medical Officer)
Date: 30/Oct/2020

Dr. Shreenivas Pandey
Addl. GM (Health Services)
Shree Cement Ltd., Beawar
MBBS, PG Dip.
(Preventive & Promotive Healthcare)

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **Firoz Khan** S/o. **Ismail Khan**, aged **30** years a candidate for employment in Shree Cement Limited as **Employee**. Please examine me for the Suitability for the same.

Date: 10/Mar/2021

PARTICULARS OF OBSERVATION

1. Height: 173 Cms. 2. Weight: 73 Kgs. 3. Chest: Expiration: 96
   BMI: 24.39 Abd: 91 Inspiration: 101
4. Mark of Identification : mole on left mandible area
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
   Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 126/76 10. Pulse: 78 Blood group:
11. CVS: NAD 12. Stool Bile: - Microscope: -
    E.C.G. NR
13. Urine Color: - Albumin: - Sugar: - Sp.Gravity: -
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : Regular Exercise;

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Firoz Khan, S/o. Ismail Khan, who is offered appointed in Shree Cement as and found that except Nil .

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

Firoz Khan
(Signature, L.T.I. of candidate)
Place. Beawar

Dr. S.N. Pandey
(Signature of Medical Officer)
Date 10/Mar/2021

Dr. Shreeniwas Pandey
Addl. GM (Health Services)
Shree Cement Ltd., Beawar
MBBS, PG Dip.
Preventive & Promotive Healthcare

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **MAHENDRA SINGH** S/o. **KESHAR SINGH**, aged **40** years a candidate for employment in Shree Cement Limited as **Contractor**. Please examine me for the Suitability for the same.

Date: **27/Feb/2021**

PARTICULARS OF OBSERVATION

1. Height: 167 Cms. 2. Weight: 65 Kgs. 3. Chest: Expiration: 90
   BMI: 23.30 Abd: 85 Inspiration: 96
4. Mark of Identification : Mole on left chick
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
   Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 130/78 10. Pulse: 78 Blood group:
11. CVS: NAD 12. Stool Bile: - Microscope: -
    E.C.G. NR
13. Urine
    Color: WATERY Albumin: NIL Sugar: NIL Sp.Gravity: 1.005
14. X-Ray of Chest (P.A.View): NAD (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : NIL;

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. MAHENDRA SINGH, S/o. KESHAR SINGH, who is offered appointed in Shree Cement as and found that except Nil .

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

MAHENDRA SINGH
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. Shreenlwas Pandey
Addl. GM (Health Services)
Shree Cement Ltd. Beawar
MBBS, PG Dip.
(Signature of Medical Officer)
Date: 27/Feb/2021

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **Amandeep Sharma** S/o. **Vijay Kumar Sharma**, aged **32** years a candidate for employment in Shree Cement Limited as **Employee**. Please examine me for the Suitability for the same.

Date: **30/Oct/2020**

Aman

PARTICULARS OF OBSERVATION

1. Height: 174 Cms. 2. Weight: 70 Kgs. 3. Chest: Expiration: 93
   BMI: 23.12 Abd: 87 Inspiration: 99
4. Mark of Identification : Scar mark on forehead centraly
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
   Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 104/68 10. Pulse: 76 Blood group:
11. CVS: NAD 12. Stool Bile: - Microscope: -
    E.C.G. NR
13. Urine
    Color: - Albumin: - Sugar: - Sp.Gravity: -
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer : NIL;

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. Amandeep Sharma, S/o. Vijay Kumar Sharma, who is offered appointed in Shree Cement as and found that except Nil .

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

Aman

Amandeep Sharma
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. Shreeniwas Pandey
Addl. G.M. (Health Services)
(Signature of Medical Officer)
Dr. S.N. Pandey
MBBS, PGDHM
Beawar
Date 30/Oct/2020

SHREE CEMENT LIMITED,
BANGUR NAGAR, BEAWAR - 305 901

HEALTH CERTIFICATE

I **HAMIDA KATHAT** S/o. **HAKIM KATHAT**, aged **26** years a candidate for employment in Shree Cement Limited as **Contractor**. Please examine me for the Suitability for the same.

Date: **04/Feb/2021**

हमीदा

PARTICULARS OF OBSERVATION

1. Height: 157 Cms. 2. Weight: 53 Kgs. 3. Chest: Expiration: 76
   BMI: 21.50 Abd: 75 Inspiration: 83
4. Mark of Identification : Cut mark on Forehead above Rt eye brow
5. Ear: Right NAD 6. Vision: Right-Eye 6/6 3. Color-Blindness: Negative
   Left NAD Left-Eye 6/6 Night-Blindness: Negative
7. Gastrointestinal System: NAD 8. Respiratory System: NAD
9. BP Reading: 112/76 10. Pulse: 88 Blood group:
11. CVS: NAD 12. Stool Bile: - Microscope: -
    E.C.G. NR
13. Urine
    Color: P. YELLOW Albumin: NIL Sugar: NIL Sp.Gravity: 1.025
14. X-Ray of Chest (P.A.View): NR (X - Ray film attached)
15. Special Investigation, if any No
16. Previous illness, if any, which may interfere in his normal work Nil
17. History of Fits or Epilepsy : Nil
18. Remarks of Medical Officer :

OPINION OF MEDICAL OFFICER

I hereby certify that I have examined Mr. HAMIDA KATHAT, S/o. HAKIM KATHAT, who is offered appointed in Shree Cement as and found that except Nil .

He/she is not disabled due to any genetic/physical disability. I do not consider him/her unfit for his/her service in Shree Cement.

हमीदा

HAMIDA KATHAT
(Signature, L.T.I. of candidate)
Place: Beawar

Dr. Shreeniwas Pandey
AddDCS (Ne Pandey)
Shree Cement Ltd. Beawar
MBBS, DCPM
Preventive & Promotive Healthcare
(Signature of Medical Officer)
Date: 04/Feb/2021

Annex-IV

S.N	Location	Plantation till Sept,2020	Tree planted in Oct,20	Tree planted in Nov,20	Tree planted in Dec,20	Tree planted in Jan,21	Tree planted in Feb,21	Tree planted in Mar,21	Total
1	SMP	228401	0	0	0	0	0	0	228411
2	SP		0	0	0	0	0	0	
3	Plant		0	0	0	0	0	0	
4	Colony		0	10	0	0	0	0	