Consolidated report on Swachhta Pakhwada organised in the Mining Sector of Kerala State from 16.12.17 to 31.12.17

Compiled by

DEPARTMENT OF MINING AND GEOLOGY

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Thiruvananthapuram
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Department of Mining and Geology

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I. Introduction

Swachhta Pakhwada, which is a special initiative as a part of the Swatchh Bharat Mission, is aimed at mainstreaming sanitation and cleanliness in all Departments and programs of Government. As a part of it Ministry of Mines, Government of India decided to conduct Swachhta Pakhwada in mining sector aiming at comprehensive efforts from everyone to bring cleaner and healthy environment in the mining areas. Vide DO letter no. 6/7/2014-CDN dated 30th November 2017 from Shri Arun Kumar, IAS, Secretary, Ministry of Mines, New Delhi made request to the Additional Chief Secretary, Industries Department and Director of Mining and Geology to plan and conduct Swachhta Pakhwada from 16th to 31st December 2017 in the State of Kerala. In addition, on 20.12.2017 the Secretary, Ministry of Mines held a video conference with the Director of Mining and Geology and briefed about the importance of holding Swachhta Pakhwada.

II. Activities undertaken in the mining sector

As a first step Shri. Biju Sebastian, Senior Geologist of the Directorate of Mining and Geology was nominated as the nodal officer for Swachhta Pakhwada related activities and the same was intimated to Ministry of Mines. A banner on Swachhta Pakhwada was designed, printed and displayed in the entrance of Directorate of Mining and Geology to create awareness of the program. The cleaning of Directorate building and its premises were undertaken. All the District Offices of the Department of Mining and Geology were given instruction to organize Swachhta Pakhwada activities and directions were given to intimate large minor mineral quarry owners to carry out activities based on the action points circulated in the DO letter by Secretary, Ministry of Mines. In additions posters were designed and circulated to District Offices. The Director of Mining and Geology issued instructions to major mineral mine owners to conduct the Swachhta Pakhwada activities and Director himself gave instructions to the major mineral mine owners over phone.

The District Geologists contacted minor mineral quarry owners (mainly granite (building stone) and personally requested them to carry out activities pertaining to Swachhta Pakhwada. It may be noted that since Kerala is about 100% open defecation
free state, no activities pertaining to open defecation was taken up. The some of the District-wise activities conducted in Kerala State is detailed below:

**IDUKKI DISTRICT**

1. **Activities carried out by granite (building stone) quarrying lease holder Shri. Shiju Thomas, Pallivathukkal House, Chilvau PO, Thodupuzha (Quarry located at Idukki District, Thodupuzha Taluk, Alakode Village)**

   The activities carried out include dissemination of health and hygiene messages through banners and pamphlets, distribution of dust bins to students of nearby school, distribution of dustbins, brooms etc. to quarry workers, distribution of dustbin to nearby houses, growing plants for creating greenbelt around quarries etc.

   - Sanitation and hygiene message dissemination through banner
   - Distribution of waste bin to school children
   - Distribution of hygiene kit to mine workers
   - Dissemination of pamphlet on health and hygiene to quarry workers
Growing plants for greenbelt generation around quarry

Providing dustbins to neighboring houses

2. Activities carried out by granite (building stone) quarrying lease holder Shri. Denny Joseph, Kallikkattu House, Ottalloor P.O, Thodupuzha, Idukki (quarry and crusher located at Muttom Village, Thodupuzha Taluk).

Dissemination of messages on health, hygiene and sanitation through banners in a nearby school. Distribution of waste bins to school.

Dissemination of messages on health, hygiene and sanitation through banners in school. Distribution of waste bins to another nearby school.

3. Activities carried out by granite (building stone) quarrying lease holder St. Martin Granites, 27/609, M.G.Square, Thodupuzha P.O, Idukki (Quarry and crusher located at Alakode Village, Thodupuzha Taluk)
4. Activities carried out by granite (building stone) quarrying lease holder Shri George Kochuparambil, United Granites and Metals, Vazhithala, Thodupuzha (quarry located at Manakad village, Thodupuzha Taluk)

- Distribution of waste bins to school
- Distribution of waste bins to Health Center, Alakode
- Cleaning of premises of office building of quarry
- Dissemination of messages on cleanliness through banners at quarry site. Distribution of waste bins to school.
- Cleaning of premises of office building of quarry
- Distribution of dust bins to quarry workers
5. Activities carried out by granite (building stone) quarrying lease holder M/s United Group, Kattappana P.O, (quarry located at Kattappana village of Idukki Taluk)

Distribution of dustbins and brooms to Anganwadi

Dissemination of message on waste management in quarry premises

WAYANAD DISTRICT

1. Activities carried out by granite (building stone) quarrying lease holder Shri. O D Thomas, Olikkal house, Maniyankode, Kalpeta, Wayanad (proprietor of BGT Crushers). Quarry located at Achooranam Village, Vaithri Taluk)

Distribution of dustbins to Pozhuthana Grama Panchayat Office

2. Activities carried out by granite (building stone) quarrying lease holder M/s Pulpally Stone Crushers, Sasimala P.O Pulpally, Wayanad
Distribution of dustbins to Govt. Homoeo Dispensary, Mullankolla Grama Panchayat

Distribution of dustbins to Pulpalli Primary Health Centre

3. Activities carried out by granite (building stone) quarrying lease holder M/s SILA BRICKS AND GRANITES, NALLURNADU P O, THONICHAL, Wayanad (Quarry located at Nalloornad village, Mananthavady Taluk)
Dissemination of message on Swachhta Pakhwada near quarry

PALAKKAD DISTRICT

1. Activities carried out by granite (building stone) quarrying lease holder M/s Penta Granites, Neethipuram, Elavampadam PO (quarry located at Kizhakkanchery II village, Alathur Taluk)

Carried out mine cleaning and placing of dust bins near the mining area. In addition they supplied dust bins to Government Homoeo Dispensary, Kizhakkanchery, Government Ayurvedic Dispensary Koranchira and to nearby school. They have disseminated the hygiene and sanitation message through banners.
2. Activities carried out by granite (building stone) quarrying lease holder M/s Marath Enterprises and Crushers Pvt. Ltd, Amayur PO, Koppam (quarry located at Koppam village)
   Carried out supply of dust bins to nearby schools and kept dust bins near quarry side and crusher unit. Also banners disseminating sanitation and hygiene messages were displayed in schools.
3. **M/s Malabar Cements Ltd a PSU under Government of Kerala which operates a limestone mines at Walayar** cleaned in and around the mines and made awareness among the employees to maintain the mine and surroundings clean always.

**Dissemination of cleanliness message through posters**
KOLLAM DISTRICT

1. Shri. M K Biju, Karthika, Kuttikkad PO, who is the operator of two quarries in Ittiva village in Kottarakara Taluk carried out cleaning of premises of quarries, cleaned the public approach road to quarry and distributed hygiene kits to quarry workers.

2. Shri Dilly Sukhi, Ananthapuri Blue Metals, Moonnumukku, Chithara who is the operator of a quarry in Chithara village cleaned the quarry premises and displayed banner showing hygiene and sanitation messages.

Display of banner disseminating message on hygiene and health

3. Shri M Sajeev, Roadvila house, Ottumalakattadi, Pooyapally who operates a granite building stone quarry in Poyyapalli village in Kottarakara Taluk cleaned the quarry and premises and displayed banner disseminating sanitation and hygiene messages.

Display of banner disseminating message on hygiene and health
4. M/s Indian Rare Earths Limited a Government of India undertaking who engaged in mining of beach sand minerals in Kollam district carried out following activities:

- Message of Swachhta Pakhwada in the light of a special initiative under the Swatchh Bharat Mission was spread amongst employees and the contract labours at the Mining Site (Vellanathuruthu & Thottapally) and they were encouraged to practice swachhta.
- Hygiene kits in the form of hand wash lotion/soaps and brush were distributed to the employees and contract labours at the VT Mining Site and they were advised to maintain personal and workplace hygiene.
- Special attention was paid to clear the bushes, long shrubs and weeds growing in the Neendakara Mining Area and with a special drive, Neendakara Mining Area was cleared of all bushes and shrubs and leveled with a heavy roller.
- An awareness programme on Swachh Bharat Mission was organized at Puthenthura Govt. H.S. School in the Neendakara Mining Area, wherein around 200 students, parents and teachers participated in the awareness programme. The message of Swachhta was imparted through power point presentation, attractive visuals and motivational short films. Swachhta pledge was administered amongst the participants and sweets were distributed.
1. M/s Regency Granites, Kadayanikkadu P O, Kottayam who operates granite building stone quarry in Vellvur village, Changanaserry Taluk cleaned the quarry and office premises, erected display board on hygiene and sanitation.

Display of banner disseminating message on hygiene and health

2. M/s P J Associates Anthyalam, Payappar PO who operates a granite building stone quarry in Lalam Village of Meenachil Taluk carried out cleaning of quarry and office premises, displayed banner disseminating messages of health, hygiene and sanitation, distributed dust bins to nearby primary health centre and Lower Primary School.

Display of banner disseminating message on hygiene and health and cleaning of quarry area and office area
3. M/s Palathara Constructions Pvt Ltd, Thuruthi PO, Changanassery who operates quarry in Chengalam East village in Kottayam Taluk carried out cleaning of quarry and office premises, prepared land for growing vegetable garden and cleaned the nearby Anganvadi.

Preparation of land near quarry for vegetable cultivation

Cleaning of Anganvadi premises and dissemination of hygiene messages
4. M/s Karimala Granites and Aggregates Pvt Ltd, Pathanad, Kangazha OP which operates granite building stone quarry at Kangazha village, Changanaserry cleaned quarry and office premises, erected dustbins in quarry site and planted trees.

Cleaning of quarry office premises and laying of metal chips. Display of Swachta banner

Erected a large dustbin to collect waste materials

5. M/s Cochin Blue Metal Industries Pvt Ltd, Choozhikara, Ramapuram which operates a granite building stone quarry in Ramapuram village in Meenachil taluk cleaned and supplied dustbins to near by Anganwadis, carried out cleaning of Panchayat road. Displayed Swacchta Pakhwada banner. It also maintains garden as well as agriculture farm near quarry and its office site.
Distribution of dustbins to Choozhikkara Anganwadi

Cleaning of surrounding of Anganwadi

Distribution of dustbins to Chenaparamb Anganwadi

Painting of walls of Chenaparamb Anganwadi with pictures

Cleaning of Panchayat road and road to quarry

Display of banner disseminating message on hygiene

6. M/s Aikkarathundathil Aggregates, Pattithanam, Kottyayam which operates a granite building stone quarry in Ettumanoor Village, Kottayam Taluk displayed banner, cleaned the approach road to quarry and supplied dustbins to Upper Primary School.
KOZHIKODE DISTRICT

2. M/s Palakkal Granite Products, K P 8/308, Chethukadavu Kunnamangalam P O operating quarry in Kodiyathur Village in Kozhikode Taluk displayed banners in different places of quarry and crusher units to disseminate message on cleanliness and waste management.

3. M/s Tristar Stone Crushers operating granite building stone quarry in Kumarnellur village in Kozhikode Taluk distributed dustbins to quarry workers and displayed banner and posters on cleanliness and waste management.
4. M/s Power Stone Products operating a granite building stone quarry in Kodiathur village in Kozhikode Taluk distributed dustbins to mine workers and displayed posters and banners on cleanliness and waste management.

Dissemination of messages on cleanliness and waste management and distribution of dustbins to quarry workers

5. M/s Nellikunnu Granites operating in Maruthomkara village in Vadagara Taluk distributed dustbins to nearby school and carried out cleaning of quarry and its surroundings. In addition, hygiene kits were distributed to quarry workers.

MALAPPURAM DISTRICT

1. M/s Arnihikkal Granite Unit, Pathapiriyam P.O,Malappuram operating a granite building stone quarry in Edavanna village in Ernad Taluk carried out cleaning of quarry area, office premises and approach road. In addition tree samplings were given to school children in three schools. The laborers were given hygiene kits.

Dissemination of messages on cleanliness and waste management and cleaning of quarry office premises and road
Dissemination of messages on cleanliness and waste management and distribution of tree saplings to school children

2. M/s Mubarq Granites, West Chathalloor PO, Malappuram which operates a granite building stone quarry in Perakamanna Village of Ernad Taluk carried out cleaning of quarry and office premises, displayed banner for dissemination of messages on cleanliness and supplied tree samplings.

Dissemination of messages on cleanliness and waste management, cleaning of office and road and distribution of tree saplings

3. M/s Poabson Granite Products Pvt Ltd, Thelakkad P O Perinthalmanna, which operates granite building stone quarries in Kariyavattom Village in Perinthalmanna Taluk carried out cleaning of quarry and office premises, distributed tree samplings and distributed hygiene kits to workers.

Dissemination of messages on cleanliness and waste management, cleaning of quarry premises and distribution of tree saplings
In Alapuzha district most of the mines are silica sand mines. As per the instruction of District Geologist, the lessee have carried out cleaning activities in their mines. They have displayed banners on Swachhta Parv. The cleaning activities before and after are shown below:

1. Maria Silica Sand Mines

![Cleaning of silica sand mines - Before and After](image1)

2. Sand Wave silica sand mines

![Cleaning of silica sand mines- Before (left) and After (right)](image2)
3. Sreekrishna Silica Sand Mines

Cleaning of silica sand mines- Before (left) and After (right)

KANNUR DISTRICT

1. M/s Ulikkal Stone Crusher, Kolithattu, Kannur which operates a granite building stone quarry at Vayathur village in Irutti Taluk carried out cleaning of quarry and crusher premises and distributed dustbins to Ullickal Grama Panchayat. They have disseminated message on cleanliness fortnight through banner.

Distribution of dustbins to Grama Panchayat

2. M/s National Granites and Hollow Bricks, Peratta, Kuttupuzha which operates a granite building stone quarry at Vayathur Village in Irutti Taluk has carried out cleaning of quarry and crusher premises and erected dustbins in their establishment. They have disseminated message on cleanliness fortnight through banner.
3. M/s Payyavur Crushers, Payyavoor PO, Kannur which operates a granite building stone quarry at Payyavur Village, Thaliparamba cleaned quarry and crusher premises and disseminated message on Cleanliness fortnight through banner.

Erection of dustbins in quarry and crusher premises

Erection of dustbins in quarry office
1. M/s Mallelil Industries Pvt Ltd, Attachackal PO, M/s Awathy Granites Pvt Ltd Murinjakal, M/s Peege Aggregates P Ltd, M/s Johnson Rocks, Perinjotacakal, M/s St. Mary’s Granites, Vaipur who operates granite building stone quarry carried out cleaning activities in their quarry and crusher premises and erected boards on Swachhta Pakhwada.
1. M/s Travancore Blue Metals, Aruvikara which operates a granite building stone quarry at Aruvikara Village, Nedumangad Taluk displayed banner on Swachhta Pakhwada in the quarry site, cleaned road leading to quarry, planted tree saplings by the side of quarry. In addition, they distributed dustbins to the Government hospital, Aruvikara.

2. M/s Travancore Granites, Kuttamala who operates a quarry at Vazhical Village, Kattakada Taluk displayed the banner on Swachhta Pakhwada and cleaned quarry and crusher premises and planted tree saplings.

3. M/s Neenu Crushers who operates granite building stone quarry and crusher displayed banner on Swachhta Pakhwada and cleaned the surrounding of quarry and crusher.
4. M/s Poabs Granites, Vellanad which operates a number of granite building stone quarries in Perurkada village in Thiruvananthapuram Taluk displayed banner on Swachhta Pakhwada, developed a recreation area in front of office, distributed tree saplings to people residing nearby.

Distribution of tree saplings, planting of trees and development of recreation area

ERNAKULAM DISTRICT

1. Shri. Saji Vadakkekara, Vadakkekara, Kolenchery, Ernakulum who operates granite building stone quarry carried out planting of trees and erected banners for dissemination of cleanliness message in their quarry situated at Karukutty Village, Aluva Taluk.
KASARAGOD DISTRICT

1. M/s Kayyar Aggregates, Kayyar PO, Kassaragod who operates a granite building stone quarry carried out cleaning of quarry and surroundings, displayed posters pertaining to sanitation and hygiene, distributed dustbins to quarry workers etc.