

Site monitoring report

Please find detailed below the report for the site monitoring undertaken. If you should have any queries or require any photographs taken on site, please do not hesitate to contact me.

Site Name: Martell's Quarry, Slough Lane, Ardleigh

File Ref: 14.421.12

Operator: SRC

Site Representative: Tom Wise (TW) and Joshua Bass (JB) (SRC); George Massingham (GM); Ollie Mann (PDE Consulting)

Also attending Shaun Long (SL) of Essex County Council

Visit no: 4 of 4

Date: 15/02/24

Time on site: 09:00

Time off site: 09:55

Monitoring Officer: T Burns Tel No: 03330136440

Site Co-ordinator: As above Tel No:

Permission no's:

ESS/43/14/TEN: Mobile Washing plant

ESS/14/18/TEN: Water Management Pipeline.

ESS/32/18/TEN: Washing Plant

ESS/61/19/TEN: Remediation works

Constraints:

● Weather: **Dry/ Windy / Rain / Snow**

● Noise

(Officer perception) : **Acceptable/ Not acceptable / N/A**

● Approach roads: **Combination:** Dry/ **Damp/** Dusty / **Wet / Muddy /** Flooded

- Ground: **Combination:** Dry/Damp/ Dusty / **Wet / Damp / Muddy / Flooded**
- Access: Obstructed / **Not Obstructed** / Mud on Road / Ice / Slippery
- Wheel cleaning: Washer / Spinner / Tractor water bowser not operating/None
- Hose: In use / Not in Use / **N/A**
- Machinery: **Working** / Not working
- In correct position: Yes / No / N/A – **see report**
- Stockpiles: Height = All site stockpiles appear to be below permitted heights/Acceptable
- Bunds: **Profiled** (around extraction area) / Grassed / **Weeds/ NA**

Actions from last site visit:

- Keeping the site entrance clear of mud/debris and confirmation as to procedures to maintain this position. **Update: Kept on for monitoring by operator. Whilst access at monitoring visit was acceptable, the potential from internal carry out of mud from use of internal haul road was of concern. At time of visit the rumble strip was blocked by a 360 excavator parked up from working on the adjacent landfill site. This has tracked mud/spoil in its tracks onto the haul road, and along with a depression filled with water adjacent the rumble strip , had created a slurry over the haul road that was being trafficked through. The existing wheelwash was inoperative and had not been used for a considerable time past.**
- Cut off ditches and diversion/collection of surface water runoff from wet recycling area to prevent discharge into eastern copse and processing of the water through the approved water management system and discharge points. (Awaiting dryer ground to allow pulling back of overspill material from copse boundary. Line of demarcation to be installed to prevent future vehicular/tipping ingress). **Update: JB to continue actioning now that stocks are down. Part of the ditch cleaned out but accumulation of silt has reappeared and is blocking part of the ditch system. JB also advised to reinstate the bunding/grips across the two passages through the bund between the haul road and ditch to prevent contaminated water flowing into the ditch and lake.**
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- Eastern site boundary of the wet recycling area needs to be in accordance with the approved site plan and the approved screening measures instigated. The extent of the recycled material stockpiles outside of their permitted areas needs to be regularised through their removal and reduction in footprint. **Update: JB has a programme over next two months as stocks drop to continue the Lego boundary demarcation. Works on pulling boundaries back and cleaning up has been started.**
- Planting up of the roadside bund this planting season. **Update: Still not undertaken.**
- Full planning documentation to be available at site office as required by the relevant planning conditions. **Update: To be checked next monitoring visit.**

- Removal of the materials/pipework from below oak tree; reinstatement of bunding and carefully scarifying ground to protect the tree. **Update: Some clearance but no scarifying undertaken. Parking continuing of third party company. Some tanked lubricant and stocks of material under taupalin and other items still being stored in the parking area.**
- Removal of the paving slabs and skip/general storage from car parking area adjacent industrial estate entrance on north side of road. **Update: Although there has been clear up additional replacement rubbish has been stored within and on the car park boundary divider.**
- Regularising the electricity enclosures and access track. **Update: Scheme in awaits payment fee. Action Point JB.**
- Removal of signage off highway verge. **Update: JB stated application now submitted to retain.**
- Potential for erected visual height marker in stockpiling area alongside wet recycling plant. **Update: Still not actioned. Action Point JB.**
- Clearance of haul road ditch. **Update: Partial clearance ditch still has silt evident along its course. Silting has been lowered to level below infall pipe located on bend in road by rumble strip. JB aware and once a bit drier will do further clear out.**

Inspection Results

- As reported previously car park area still has items of utility company's kit lying around. Area needs to be cleared as it is not a designated storage area.
- Behind site offices the remaining sand stockpile as previously recorded has been significantly reduced in height and footprint. Two small low lying stocks present with highest about 4 -5 metres.
- Adjacent concrete plant operating.
- Block laying area now extended eastwards to accommodate stocking area for blocks. Additional bays created along western side of the block making buildings and two had a dark coloured material stored alongside a bay of pallets. Additional storage of blocks stocked alongside the buildings. Further bays on northern perimeter holding reject blocks. Large stockpile of "Lego" blocks also located alongside.
- Block making plant operational,
- Off the hardstanding, internal haul road flooded in places.
- Main processing plant has been removed off site. GM advised company looking to bring in different plant. TB to confirm way forward if new planning or amendment. **Post meeting note: Once details decided then appropriate scheme and accompanying assessments be forwarded. Draft plan/ideas would be beneficial to allow Mineral Planning Authority to best advise on submission process.**
- Between the blockmaking area and former processing plant footprint was a mixed assemblage of tanks; pipework; excavator shovels; fuel /lubricant storage tanks.
- Old lagoon in north eastern corner of processing area now drained and bunding still surrounding.
- Recycling storage area at eastern side of site has large quantity of material that was in process of being feed to the stockpile adjacent the hopper for processing. The feeder stockpile had been reduced in height since a passing visit last week. What appeared virgin sands being produced from the waste stream. Stone stockpiles also being produced. JB confirmed quality depending daily on import composition.

- Ponding still within south eastern corner of plant area, sumps appear to have been cleaned out.
- Demarcation of the eastern working boundary and the copse discussed. This could be demarcated with a low bund.
- No movement as yet on utility lines being addressed on highway side boundary to then allow planting to be undertaken.
- Pressing plant discharge bays had low stocks.
- Sand stockpiles west of pressing plant lower in height.
- South of Slough Lane the utility presence which had been removed now occupied by a number of skips of the "ro ro" type. JBr said these had been refurbished (painted green) and would be removed. These were still on site despite JB stating these would be removed as of the week following last monitoring visit.
- Within the dry recycling area stocks of material in bays, quantities quite low. Area to the west between the recycling area and the skips has been cleared of former bunding and now concreted.
- No movement as of yet to JB statement last monitoring visit for proposal to concrete part of the access into the recycling area to remove low spots.
- Drainage ditch along western side of internal haul road partially cleared of silt as recorded above.
- Comment son ned for bunding gaps noted earlier. Road side bund has been reshaped to clean its internal face.
- Within excavation void, other than access ramps (about 10,000 tonnes) all mineral now extracted.
- Within void dozer and compactor working. Cell has raised since last visit. Water holding between toe of fill and cell bund. JB advised he will recirculate this later in year to allow its percolation/evaporation.
- Haul road leading to excavation void holding up. Bund now placed across haul road ramp and new access created down into void at shallower gradient running eastwards into existing cell. Large quantities of the pressed residual material continues to be tipped at base of ramp.
- Far infilled material slope now grassing over within south western end of void.
- Some backfill material has begun to be placed in north western corner of void to allow formation of proposed western extension land access road.
- Within the main cell a secondary bund wall created to hold infill off main clay bund that is to be extended westwards to marry in with ongoing clay lining works along the western void wall and base. Cell continuing to receive non hazardous fill. Infill now above perimeter bunding. JB advised that they will be proposing to put in drainage lines along western void perimeter; create access track towards Slough Lane and begin extending clay battering. Existing bunding around the infill cell to then be adjusted across the void to begin the infilling westwards toward the highway.

Compliance with Conditions:

Permission/Condition ESS/32/18/TEN No: 16 Noise Monitoring

Scope of Condition and Action to be taken: Periodic monitoring now due

Action to be taken by Operator: Periodic noise monitoring report required

Permission/Condition ESS/32/18/TEN No: 19 Restoration

Scope of Condition and Action to be taken: see decision notice

Action to be taken by Operator: scheme to be submitted.

Permission/Condition ESS/61/'19/TEN No: 8 Ecology

Scope of Condition and Action to be taken: See decision notice

Action to be taken by Operator: Notification required to MPA

Permission/Condition ESS/61/'19/TEN No: 42 Noise Monitoring

Scope of Condition and Action to be taken: Periodic monitoring now due

Action to be taken by Operator: Periodic noise monitoring report required.

Permission/Condition ESS/61/'19/TEN No: 61 Aftercare

Scope of Condition and Action to be taken: See decision notice

Action to be taken by Operator: Scheme prior to restoration.

Actions to be taken before next site visit:

- Keeping the site entrance clear of mud/debris and confirmation as to procedures to maintain this position.
- Completion of the cut off ditches and diversion/collection of surface water runoff from wet recycling area to prevent discharge into eastern copse and processing of the water. Line of demarcation to be installed to prevent future vehicular/tipping ingress).
- Eastern site boundary of the wet recycling area needs to be in accordance with the approved site plan and the approved screening measures instigated. The extent of the recycled material stockpiles outside of their permitted areas needs to be regularised through their removal and reduction in footprint.
- Planting up of the roadside bund this planting season.
- Full planning documentation to be available at site office as required by the relevant planning conditions.
- Scarifying ground below oak tree in car park immediately adjacent industrial estate entrance to protect the tree.
- Removal of the general storage from car parking area adjacent industrial estate entrance on north side of road.
- Potential for erected visual height marker in stockpiling area alongside wet recycling plant.

- Clearance of remaining silt from haul road ditch.
- Provision of bunding across gaps in haul road bund to prevent runoff into ditch/lake.

Note: The actions noted in this report are required in order to ensure adequate progress is made and to avoid potential enforcement action against a breach of planning control.

Date of Next Meeting: 15th May 2024 @ 09.00

Report Date: 15/02/24