

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: Colchester Quarry (including Stanway Hall Pit, Five Ways Fruit Farm; Bellhouse/Abbotstone Landfill and ECC land), Warren Lane, Colchester.

File Ref: 13.421.18/19

Operator: Tarmac; Enovert, ECC; SRC

Site Representative: For ECC: Andrew Brown (AB); For Enovert: Matthew Norton (MN); Sarah Holland (SH); Brendan O Shea; For Tarmac; Dan Congeton (DC). For SRC: No One in attendance.

Visit no: 4 of 4

Date: 26/03/25

Time on site: 09:00

Time off site: 15:15

Monitoring Officer: Terry Burns Tel No: 03330136440

Site Co-ordinator: As above Tel No:

Permission no's:

Bellhouse and Abbotstone

- ESS/48/01/COL/R – Bellhouse Farm ROMP for LEX/266/69
- ESX/66/92/COL – Cory gatehouse, weighbridge and wheel wash.
- ESS/52/94/COL – Cory site accommodation and car park.
- ESS/65/98/COL – Cory offices.
- ESS/27/17/COL – Variation of Condition Operating Hours
- ESS/03/22/COL – Extension of time – Resolution to approve subject to completion of legal agreement.

- ESS/04/22/COL Section 73 - Resolution to approve subject to completion of legal agreement.

West of Warren Lane (Tarmac)

- ESS/104/20/COL & ESS/105/20/COL – Extension of time for office retention (expires 30/09/26).

ECC Land

- ESS/07/15/COL – Retention of post settlement contours
- ESS/86/21/COL – Power generation plant (located NW of Bellhouse) Expires 25 yrs from 06/12/21.

Stanway Hall Quarry

- ESS/24/00/COL – Power generation plant at Stanway Pit to utilise gas generated at Bellhouse landfill.
- ESS/09/12/COL – New generator, flare and back-up generator within existing electricity generation compound.
- ESS/09/12/COL/NMA.
- ESS/09/12/COL/NMA2.
- ESS/23/14/COL - Consolidation application, to extend into FWFF and to import inert waste material for restoration.
- ESS/29/14/COL – Prior approval for site office and welfare building at the Stanway Hall concrete plant.
- ESS/33/14/COL – New staff welfare building at DSM plant.
- ESS/31/21/COL – Clay removal.
- ESS/31/22/COL – CBGM plant Resolution to approve subject to completion of legal agreement.

Warren Lane Tunnel

- COL/758/89 – Construction of a tunnel under Warren Lane for conveying aggregates.

Five Ways Fruit Farm

- ESS/52/17/COL – Continuation of use of land for mineral extraction etc and to extend DSM plant operating hours. Granted 04/01/19.

Romp Date Due: ESS/52/17/COL 04/01/2034

- ESS/05/22/COL – Section 73 Resolution to approve subject to completion of legal agreement.

Constraints:

- Weather: **Dry/ Windy / Rain / Snow**
- Noise (as perceived by officer):
Acceptable/ Not acceptable / N/A – **see inspection result**
- Approach roads: Combination of: **Dry / Dusty / Damp/ Wet / Muddy / Flooded**
- Ground: **Combination of: Dry / Dusty / Wet / Damp / Muddy / Flooded**
- Access: **Obstructed / Not Obstructed / Mud on Road/ Ice / Slippery**
- Wheel cleaning: **Washer (Bellhouse side)/ Spinner / Sweeper/none N/A**
- Hose: **In use / Not in Use / N/A**
- Machinery: **Working / Not working**
- In correct position: **Yes / No / N/A**
- Stockpiles: **Height = various levels across all sites where applicable.**
- Bunds: **Profiled / Grassed / weeds / NA**

Planning Condition Actions from last site visit:

Enovert:

- Program and action on the ground towards progressing the Abbotstone North land into aftercare. **Update: This land likely to be addressed next spring.**
- Resiting encouraged of the hardcore stockpile off the skyline and into a more screened location. **Update: Stockpiles of recycleate continue to accumulate just off the haul road brow on the northern high point.**

Tarmac:

- Tightening up of sheeting condition requirement and state of nets being used. **Action: Kept on record as reminder and for clarity on what measures being taken.**
- Operator needs to be satisfied that an appropriate walkover survey has been undertaken by appropriate person/ecologist to confirm that no habitat/species likely to be impacted during the tree felling/ground clearance works on the land immediately north and north west of the main processing plant and main drainage ditch and alongside the previously started new lagoon feature. **Action: For operator to ensure.**
- DSMP plant external arrangements to be addressed.

- Management and maintenance for the tree planting areas including tree guard removal from all planting areas around quarry including the mature woodland behind maintenance shed and weighbridge.
- Confirming suitable meeting dates with ecological/tree representatives.

SRC Parcel

- The need for appropriate height markers once infilling begins to ensure correct infill levels are adhered to within the Stanway southern void area. **Update: Remains the same as last visit.**
- Provision of planning permission/approved plans to be available on the site. **Update: To be confirmed next monitoring visit.**
- Clarity and programme for address established ecological interests before clearance of further ground in void area. **Update: Kept on as reminder to operator.**

ECC Land

- Drainage ditch on northern site boundary at junction with ECC Land/Footpath entrance to be assessed for suitable gradient to enable water to be channelled westwards and not overtopping and impacting onto the land to the east. **Action: This is retained on the report to assess the situation during appropriate weather conditions.**
- Tree guards along Warren Lane boundary and within site around lagoon system, where necessary, to be cleared. **Update: Tree guards removed off copse parallel to Highway. Outer tree belt guards to be addressed later in year. Guards around trees near lagoons to await die back of brambles.**

All operators

- Clearing tree guards that are damaged/broken/clearly not needed/damaging tree by being too tight and cutting into bark and those littering ground around hedgerow bases and trunks throughout site perimeter to be undertaken around perimeter boundaries of the various land parcel interests. **Action: Kept on record as operator reminder.**
- Maintaining road cleanliness. **Action: Kept on record as operator reminder.**
- Can we all ensure vehicles are clean, and where appropriate sheeting is enforced (as well as state of sheeting that if in state of disrepair this matter is reported to visiting driver/company and what procedure in place to monitor/police) before exiting onto Warren Lane and that any potential for tyre carry out/discharges from vehicle loads is avoided. **Action: Kept on record as operator reminder.**

Permission Nos:

For Bellhouse;

Permission/Condition: ESS/03/22/COL: No 4: Biodiversity Method Statement within 3 months of date of permission. **Action to be taken by Operator**

Permission/Condition: ESS/03/22/COL: No 5: Sensitive Lighting Scheme within 3 months of date of permission. **Action to be taken by Operator**

Permission/Condition: ESS/03/22/COL: No 14: Noise Monitoring Scope of Condition and Action to be taken: Periodic monitoring to be undertaken, see decision notice **Action to be taken by Operator: scheme to be submitted.**

Permission/Condition ESS/03/22/COL No: 22 Allowance Levels Scope of Condition and Action to be taken: Settlement surveys to be submitted, see decision notice **Action to be taken by Operator: Settlement surveys to be submitted.**

Permission/Condition ESS/03/22/COL No: 24 Landscape Scheme within 3 months of date of permission. **Action to be taken by Operator.**

Planning applications – resolution to approve subject to legal agreement for the following three applications:

ESS/04/22/COL (Bellhouse)

Condition 27 (Noise Monitoring) As per previously approved frequency.

Condition 29 (Dust) As per previously approved frequency/action.

ESS/05/22/COL (Five Ways)

Condition 26 (External Lighting) Prior to CGBM plant commissioning.

Condition 29 (Noise Monitoring) – Quarterly

Condition 45 (Surface Water) Within 12 months of soil replacement.

Inspection Results Summary:

ECC land

- Two points along internal access track subsidence has developed further since last visit. Ponding of water taking place.
- Fence posts and gates stored near site entrance ready to replace fencing alongside haul road. Gate to be installed on northern boundary to secure existing access line.
- Monitoring ongoing with die back patches where two monitoring wells have been installed. AB advised that these patches appear to coincide with water levels in landfill. Constitution of water being analysed.
- Goats had been on northern field and now removed. AB noted goats had pruned back the brambles..
- Tree guards had been removed off copse to the east. Highway side further work to do as would be those guards within the planting alongside the lagoons.
- Drainage ditch to north hold water in places. AB looking to provide bunding to prevent ingress/overtopping of ditch into low spots along the southern edge of ditch.
- Pipe work being cleared from southern field.

Enovert - Bellhouse Quarry/Landfill

- Highway outside site clean.
- Odourisers were operational on south western boundary around 09.00am when monitoring visit to complex began.
- Steady flow of large artics and smaller dustcarts and tippers.
- On land behind weighbridge excavator and dumptrucks hauling clay from stockpile. Water body in base of the void populated with swan and geese amongst other wild fowl.
- South east corner of Abbotstone North visited to view tree planting. Majority of planting appears dead. Grass competition is significant. Only species appearing to be growing was conifer and possibly some hawthorn.
- Smell of gas evident from point on highest elevation.
- On higher elevation where the stockpiling of stone for road maintenance located and noted in previous monitoring reports there was now a mobile crusher alongside together with stockpiles of processed material comprising crushed concrete and rubble. MN advised this was not appropriate location for unbunded noisy activities which with open line of sight view to Stanway community the potential for noise nuisance could arise. Advised that potential relocation be looked at and appropriate survey of noise be undertaken at the previously approved complexes site sensitive locations to ascertain potential impact. Following this a request to accomodae the crusher be made.
- Infilling of half of the water body just before wheelwash has taken place.
- Void between base of slope and haul road immediately west of weighbridge continues to accumulate waste principally plastics which not fill base and nearly covering fenceline that runs along the void base. MN confirmed this would need removal prior to capping works continuing along the eastern slope flanks.

- Litter clearance ongoing along boundary which has progressed clockwise from car park round Hanging Wood to point mid way on western boundary alongside Cell10. Large amounts of plastic gathered along boundary awaiting clearance.
- MN considers that capping of sub soils to complete higher elevation and over to eastern flank this year. Any available topsoils could then follow suit for restoration.
- Infilling active on Cell 10 through into Cell 11 with access being taken from high point for artics to tip on Cell10 and bulldozer material southwards through onto Cell11. Grading of slopes with clay taking place Cell 12 and awaiting submission of CQA to Environment Agency to seeking assurance and begin infilling. MN hoping this will be available within 28 days of the submission to enable infilling in new cell to commence and build up level to allow wider void to then become available throughout for infilling.

Stanway Hall Farm Quarry Land

- Access entrance off Warren Lane clean at time of visit.
- Enoverts Gas compound area gas flare was operating. A number of tipper trucks with “Tru7” livery parked up and collecting loads of sand/stone mix for a Sizewell C contract.
- CBGM plant removed and ground cleared other than for some stockpiles of sand located along northern boundary.
- Along haul road near weighbridge more “Tru7” parked up on bend and along road.
- Within main plant area the Concrete batching plant remains dormant.
- Processing plant having maintenance undertaken.
- Surrounding stocks of sand being marketed and stocks appeared healthy.
- Within FWFF western side mineral removed down to near final base level. Remaining mineral within the north western corner being removed. Likely end of May all mineral won. Haul road then to be pulled out and continuation of the final lake features to be progressed.
- No further work taken place within eastern side of extension land since last visit.
- DC noted that ecologist on site in translocation area putting down reptile matting. That fence line had been repaired along its southern boundary.
- Infilling of silt lagoons in south eastern corner of the site now virtually completed to enable SRC to have base to infill over. Tarmac have also removed stock piles from within the southern half of the complex alongside the present SRC weighbridge location. This void now filled with water and once emptied will allow SRC to lift clay for slope sealing work and continue infilling.
- Whilst completing the visit the DSM alarm on for 45 minutes. Jack Green (JG) spoken with who supervises the plant. Action to address noise level, which is on for health and safety reasons, to be taken up with site electrician to look at ensuring those nearest plant and in danger area are aware of the alarm but residents and others outside this area are not inconvenienced. As temporary measure JG has

SRC Activities

- Infilling has mostly been completed within the western and central area of the present active tipping area.
- Little further work appears to have taken place across the western/central area since last visit.
- Central track and haul road line created running eastwards up through the tipping area from the weighbridge and then branching eastwards has been prepared. Track made up of basal suitable rubble covered by thin layer of concrete which, when covered by rubble. This appears to be holding up well.
- Two SRC liveried tippers visiting site at time of visit.
- Active tipping taking place across the eastern half of the infilling programme with dozer operating.
- As noted above next void area alongside active tipping face which when emptied of water will allow for clay extraction for internal site use.
- Wheelwash operational. Internal haul road through quarry clean.

Compliance with Conditions:

For Bellhouse;

Permission/Condition ESS/27/17/COL No: 13 Noise Monitoring Scope of Condition and Action to be taken: Periodic monitoring to be undertaken, see decision notice **Action to be taken by Operator: scheme to be submitted.**

Permission/Condition ESS/27/17/COL No: 21 Allowance Levels Scope of Condition and Action to be taken: Level surveys to be submitted, see decision notice **Action to be taken by Operator: Levels to be submitted.**

For Tarmac Bellhouse side:

Permission/Condition ESS/52/17/COL No: 28 Noise Monitoring: Scope of Condition and Action to be taken: Periodic monitoring **Action to be taken by Operator: Periodic noise monitoring reports required on a three-monthly basis.**

Actions to be taken before next site visit:

Enovert:

- Program and action on the ground towards progressing the Abbotstone North land into aftercare.
- Resiting encouraged of the hardcore stockpile off the skyline and into a more screened location.

Tarmac:

- Tightening up of sheeting condition requirement and state of nets being used.
Action: Kept on record as reminder and for clarity on what measures being taken.

- Operator needs to be satisfied that an appropriate walkover survey has been undertaken by appropriate person/ecologist to confirm that no habitat/species likely to be impacted during the tree felling/ground clearance works on the land immediately north and north west of the main processing plant and main drainage ditch and alongside the previously started new lagoon feature. **Action: For operator to ensure.**
- DSMP plant external arrangements to be addressed.
- DSMP safety siren loudness to be addressed to reduce volume and audibility outside of the immediate danger area it is covering.
- Management and maintenance for the tree planting areas including tree guard removal from all planting areas around quarry including the mature woodland behind maintenance shed and weighbridge.
- Confirming suitable meeting dates with ecological/tree representatives.

SRC Parcel

- The need for appropriate height markers once infilling begins to ensure correct infill levels are adhered to within the Stanway southern void area.
- Provision of planning permission/approved plans to be available on the site
- Clarity and programme for address established ecological interests before clearance of further ground in void area.

ECC Land

- Drainage ditch on northern site boundary at junction with ECC Land/Footpath entrance to be assessed for suitable gradient to enable water to be channelled westwards and not overtopping and impacting onto the land to the east.
- Tree guards along Warren Lane boundary and within site around lagoon system, where necessary, to be cleared.

Date of next meeting: 26th June 2025

ECC: 09:00

Enovert: 10:00

Stanway: 12:00

Stanway SRC: 13:15

Date of report: 27/03/25

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.